TECHNICAL MANUAL

RETURN TO

ORGANIZATIONAL, DIRECT SUPPORT AND GENERAL SUPPORT, MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST

AIR-CONDITIONER; COMPACT VERTICAL 208V, 3 PHASE 18,000 BTUH COOLING; 12,000 BTUH HEATING (AMERICAN AIR FILTER MODELS) CH-420-1, 400 HERTZ NSN 4120-00-909-0388 CH-620-1, 50/60 HERTZ NSN 4120-00-909-0387

HEADQUARTERS, DEPARTMENT OF THE ARMY

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ORGANIZATIONAL, DIRECT AND GENERAL SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LISTS AIR-CONDITIONER; COMPACT VERTICAL 208V, 3 PHASE 18,000 BTUH COOLING: 12,000 BTUH HEATING (AMERICAN AIR FILTER MODELS) CH-420-1, 400 HERTZ NSN 4120-00-909-0388 CH-620-1 50/60 HERTZ NSN 4120-00-909-0387

Current as of 22 October 1979

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual direct to: Commander, U.S. Army Troop Support & Aviation Materiel Readiness Command, ATTN: DRSTS-MTPS, 4300 Goodfellow Boulevard, St. Louis, MO 63120. A reply will be furnished directly to you.

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*This manual supersedes TM 5-4120-312-29P, 12 November 1969, including all changes.

Code	Definition
AO	Item to be assembled at organizational level.
AF	Item to be assembled at direct support maintenance level.
AH	Item to be assembled at general support maintenance level.
AD	Item to be assembled at depot maintenance level.
XA	Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.
	Item is not procured or stocked. If not available through salvage, requisition.
XC	Installation drawing, diagram instruction sheet, field service drawing, that is identified by manufacturer's part number.
XD	A support item that is not stocked. When required, item will be procured through normal supply channels.

NOTE

Cannibalization or salvage may be used as a source of supply for any item source coded above except those coded XA or XD.

(2) Maintenance Code. Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(a) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance:

Code	Application/Explanation
C	Crew or operator maintenance performed within organizational maintenance.
O	Support item is removed, replaced, used at the organizational level.
F	Support item is removed, replaced, used at the direct support level.
H	Support item is removed, replaced, used at the general support level.
D	Support items that are removed, replaced, used at depot, mobil depot, specialized repair activity only.
I	Support item is removed, replaced, used by the direct support element of integrated direct support maintenance.

NOTE

Codes "I" and "F" will be considered the same by direct support units.

(b) The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). This position will contain one of the following maintenance codes:

Code	Application/Explanation
O	The lowest maintenance level capable of complete repair of the support item is the organizational level.
F	The lowest maintenance level capable of complete repair if the support item is the direct support level.
H	The lowest maintenance level capable of complete repair of the support item is the general support level.
D	The lowest maintenance level capable of complete repair of the support item is the depot level.
L	Repair restricted to designated Specialized Repair Activity.
Z	Nonreparable. No repair is authorized.
B	No repair is authorized. The item may be reconditioned by adjusting, lubricating, etc., at the user level. No parts or special tools are procured for the maintenance of this item.

(3) Recoverability Code. Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the Uniform SMR Code format as follows:

Recoverability Codes	Definition
Z	Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.
O	Reparable item. When uneconomically reparable, condemn and dispose at organization level.
F	Reparable item. When uneconomically reparable, condemn and dispose at the direct support level.

Section I. INTRODUCTION

1. Scope.

This manual lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for operation and performance of organizational, direct support, and general support maintenance of the Air- Conditioner. It authorizes the requsitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

2. General.

a. Section II - Repair Parts List. A list of spares amd repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending numeric sequence, with the parts in each group listed in figure and item number sequence. Bulk materials are listed in NSN, as the last group in Section II.

b. Section III -Special Tools List. A list of special tools, special TMDE, and other special support equipment authorized for the performance of maintenance. (Not applicable).

c. Section IV - National Stock Number and Part Number Index. A list in National Item Identification Number (NIIN) sequence of all National Stock Numbers (NSN) appearing in the listings, followed by a list, in alphanumeric sequence, of all part numbers appearing in the listings. National stock number and part numbers are cross-referenced to each illustration figure and item number appearance.

3. Explanation of Columns.

a. Illustration. This column is divided as follows:

(1) Figure Number. Indicates the figure number of the illustration in which the item is shown.

(2) Item Number. The number used to identify item called out in the illustration.

b. Source, Maintenance, and Recoverability (SMR) Codes.

(1) Source Code. Source codes indicate the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

Code	Definition
PA	Item procured and stocked for anticipated or known usage.
PB	Item procured and stocked for insurance purposes because essentiality dictates that a minimum quantity be available in the supply system.
PC	Item procured and stocked and which otherwise would be coded PA except that it is deteriorative in nature.
PD	Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfittings. Not subject to automatic replenishment.
PE	Support equipment procured and stocked for initial issue or outfitting to specified maintenance repair activities.
PF	Support equipment which will not be stocked but which will be centrally procured on demand.
PG	Item procured and stocked to provide for substained support for the life of the equipment. It is applied to an item peculiar to the equipment which, because of probable discontinuance or shutdown of production facilities, would prove uneconomical to reproduce at a later time.
KD	An item of a depot overhaul/repair kit and not purchased separately. Depot kit defined as a kit that provides items required at the time of overhaul or repair.
KF	An item of a maintenance kit and not purchased separately. Maintenance kit defined as a kit that provides an item can be replaced at organizational or intermediate levels of maintenance.
KB	Item included in both a depot overhaul/repair kit and a maintenance kit.
MO	Item to be manufactured or fabricated at organizational level.
MF	Item to be manufactured or fabricated at the direct support maintenance level.
MH	Item to be manufactured or fabricated at the general support maintenance level.
MD	Item to be manufactured or fabricated at the depot support maintenance level.

Recoverability Codes	Definition
H	Reparable item. When uneconomically reparable, condemn and dispose at the general support level.
D	Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.
L	Reparable item. Repair, condemnation, and disposal not authorized below depot/specialized repair activity level.
A	Items requires special handling or condemnation procedures because of specific reasons (i.e., precious metal content, high dollar value, critical material or hazardous material). Refer to appropriate manuals/directives for specific instructions.

c. National Stock Number. Indicates the National Stock Number assigned to the item and will be used for requisitioning purposes.

d. Part Number. Indicates the primary number used by the manufacturer which controls the design and characteristics of the item by means of its engineering drawings, specifications standards, and inspection requirements to identify an item or range of items.

NOTE

When a stock numbered item is requisitioned, the repair part received may have a different part number that the part being replaced.

e. Federal Supply Code for Manufacturer (FSCM). The FSCM is a 5-digit numeric code listed in SB 708-42 which is used to identify the manufacturer, distributior, or Government agency, etc.

f. Description. Indicates the Federal item name and, if required, a minimum description to identify the item. Items that are included in kits and sets are listed below the name of the kit or set, with the quantity of each item in the kit or set indicated in the quantity incorporated in unit column. When the part to be used differs between serial numbers of the same mode, the effective serial numbers are shown as the last line of the description. In the Special Tools List, the initial basis of issue (BOI) appears as the last line in the entry for each special tool, special TMDE, and other special support equipment. When density of equipments supported exceeds density spread indicated in the basis of issue, the total authorization is increased accordingly.

g. Unit of Measure (U/M). Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in, pr, etc.). When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

h. Quantity Incorporated in Unit. Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly. A "V" appearing in this column in lieu of a quantity indicates that no specific quantity is applicable (e.g., shims, spacers, etc.).

4. Special Information.

a. Detailed manufacturing instructions for items source coded to be manufactured or fabricated are found in TM 5-4120-312-14. Bulk materials required to manufacture items are listed in the Bulk Material Group of this manual.

b. Detailed assembly instructions for items source coded to be assembled are found in TM 5-4120-312-14. Assembly components are listed immediately following the item to be assembled.

c. Repair parts kits and gasket sets appear as the last entries in the repair parts listing for the figure in which it's parts are listed as repair parts or are listed at the end of the repair parts listing for the last figure containing parts of the kit.

d. The following publications pertain to the Air-conditioner, and its components:

TM 5-4120-312-14	Operator, Organizational, Direct Support and General Support Maintenance Manual.

5. How to Locate Repair Parts.

a. When National Stock Number or Part Number is Unknown:

(1) First. Using the Table of Contents, determine the functional group within which the repair part belongs. This is necessary since illustrations are prepared for functional groups, and listings are divided into the same groups.

(2) Second. Find the illustration covering the functional group to which the repair part belongs.

(3) Third. Identify the repair part on the illustration and note the illustration figure and item number of the repair part.

*(4) **Fourth.*** Using the Repair Parts Listing, find the figure and item number noted on the illustration.

b. When National Stock Number or Part Number is Known.

*(1) **First.*** Using the Index of National Stock Numbers and Part Numbers, find the pertinent national stock number or part number. This index is in NIIN sequence followed by a list of part numbers in ascending alphanumeric sequence, cross-referenced to the illustration figure number and item number.

*(2) **Second.*** After finding the figure and item number, locate the figure and item number, locate the figure and item number in the repair parts list.

6. **Abbreviations.**

Abbreviations	Explanation
amp	ampere(s)
assy	assembly
dc	direct current
dia	diameter
ea	each
ft	foot(feet)
hex	hexagon
id	inside diameter
in.	inch(es)
lg	long(length)
mtg	mounting
od	outside diameter
thd	thread(s)
thk	thick(ness)
w	wall

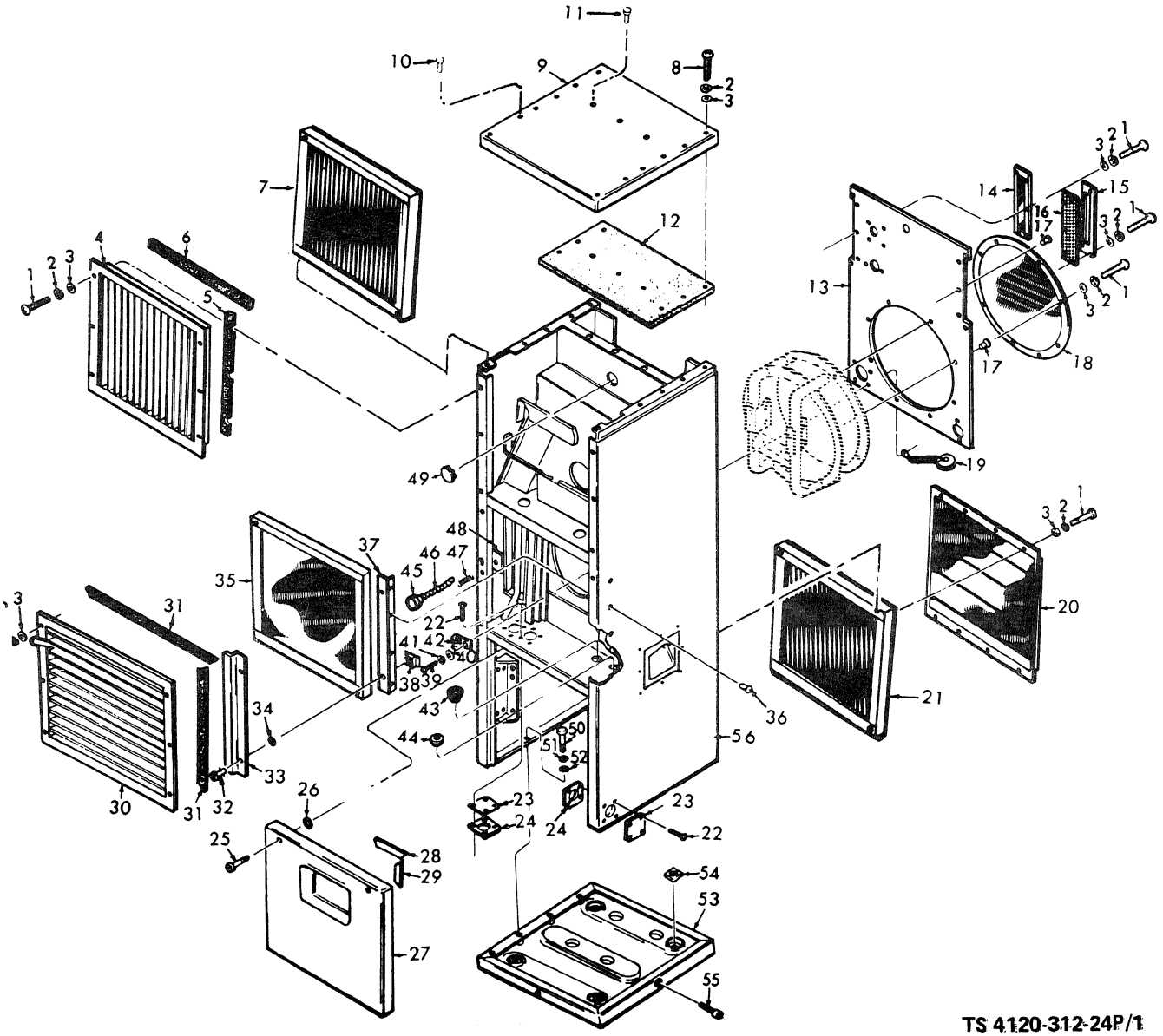
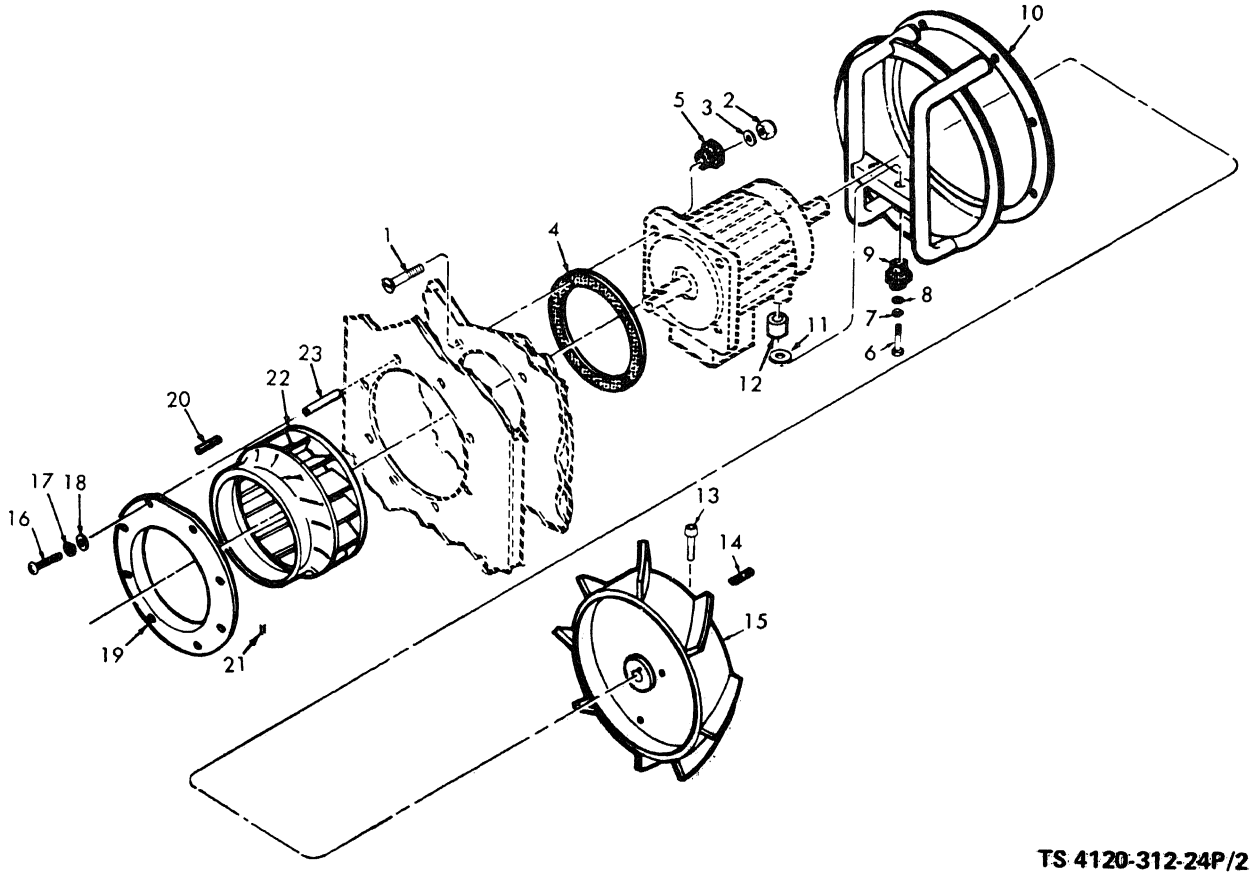


Figure 1. Base, Casing, Filters, Grilles, and Panels

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION *USABLE ON CODE*	(7) U/M	(8) QTY INC IN UNIT
						GROUP 01 AIR-CONDITIONING HOUSING AND PANELS		
1	1	PAOZZ	5305-00-984-6195	MS35206-247	96906	SCREW,MACHINE NO. 8 THD SIZE.....	EA	35
1	2	PAOZZ	5310-00-045-3299	MS35338-23	96906	WASHER, LOCK NO. 8 SCREW SIZE.....	EA	43
1	3	PAOZZ	5310-00-809-8544	MS27183-7	96906	WASHER, FLAT NO. 8 SCREW SIZE.....	EA	43
1	4	XEOZZ		8208-1	96998	GRILLE, DISCHARGE EVAPORATOR.....	EA	1
1	5	MOOZZ		9320851946S	96998	GASKET,STRIP GRILLE DISCHARGE,SIDE MANUFACTURE FROM: RUBBER STRIP,CELLULAR, NSN 9320-00-851-9469,1/2 IN W,14 IN. LG.....	FT	2
1	6	MOOZZ		9320851946 9	96998	GASKET,STRIP GRILLE DISCHARGE,TOP AND BOTTOM MANUFACTURE FROM: RUBBER STRIP,CELLULAR,NSN 9320-00-851-9469,1/2 IN.W,15 IN.LG.....	FT	2
1	7	XEOZZ		8246-100	96998	FILTER, MIST.....	EA	1
1	8	PAOZZ	5305-00-984-6194	MS35206-246	96906	SCREW, MACHINE MTG, TOP, NO. 6-32 THD SIZE, 5/8 IN. LG.....	EA	18
1	9	XEOZZ		8157-100	96998	COVER ASSY,TOP.....	EA	-
1	10	PAOZZ	5310-00-208-5135	MS27131-14K	96906	.NUT, BLIND RIVET TOP ASSEMBLY.....	EA	
1	11	PAOZZ	5310-00-929-4125	MS27131-8K	96906	.NUT, BLIND RIVET TOP ASSEMBLY.....	EA	
1	12	MFFZZ		MIL116562	81349	.INSULATION COVER, 11-1/2 IN. W, 15-1/2 IN. LG, 1/2 IN. THK MANUFACTURE FROM: RUBBER SHEET, MIL116562.....	SH	
1	13	XEHZZ		8279-1	96998	PANEL, BACK.....	EA	
1	14	XBOZZ		MAF92027-100	96998	SCREEN, FRESH AIR.....	EA	1
1	15	XBOZZ		8313-1	96998	COVER, CARBURETOR.....	EA	1
1	16	MOOZZ		9320851946S	96998	GASKET COVER,CARBURETOR,2-7/8 IN.W,12-1/2 IN.LG.MANUFACTURE FROM: RUBBER SHEET,NSN 9320-00-851-9469.....	FT	V
1	17	XEHZZ	5310-01-012-1613	MS27130-16K	96906	NUT, BLIND RIVET BACK PANEL NO. 8-32 THD. SIZE.....	EA	18
1	18	XBOZZ		8183-100	96998	GUARD, CONDENSER.....	EA	1
1	19	XBOZZ	5935-00-577-8569	MS25043-22C	96906	COVER, ELECTRICAL POWER SUPPLY RECEPTACLE.....	EA	1
1	20	XBOZZ		8184-100	96998	GRILLE, CONDENSER.....	EA	1
1	21	XBOZZ		8796-100	96998	FILTER, CONDENSER.....	EA	1
1	22	PAOZZ	5305-00-053-1114	MS24621-11	96906	SCREWS, TAPPING, COVER MTG, NO. 4-24 THD SIZE, 1/2 IN. LG...	EA	16
1	23	XBOZZ		8189-1	96998	COVER RECEPTACLE.....	EA	4
1	24	XBOZZ	4130-00-983-2335	C6974-22-41	78553	RING ASSEMBLY, RECEPTACLE HOLE COVER.....	EA	4
1	25	XEOZZ		8336-2	96998	SCREW, PANEL LOWER FRONT.....	EA	2
1	26	XEOZZ		8337-1	96998	WASHER, RETAINING LOWER FRONT PANEL.....	EA	2
1	27	XEOZZ		8212-1	96998	PANEL LOWER FRONT.....	EA	1
1	28	MOOZZ		9320851946S	96998	GASKET,STRIP LOWER FRONT PANEL TOP AND BOTTOM MANUFACTURE FROM: RUBBER SHEET,CELLULAR,NSN 9320-00-851-9469,5/16 IN.W,6 IN.LG.REQUIREDED.....	FT	1
1	29	MOOZZ		9320851946S	96998	GASKET,STRIP LOWER FRONT PANEL,SIDES MANUFACTURE FROM: RUBBER SHEET,CELLULAR, NSN 9320-00-851-9469,5/16 IN.W,2-1/2 IN.LG.REQUIRED.....	FT	V
1	30	XEOZZ		8210-1	96998	GRILLE INTAKE.....	EA	1
1	31	MOOZZ		9320851946S	96998	GASKET,STRIP GRILLE INTAKE MANUFACTURE FROM:RUBBER STRIP CELLULAR,NSN 9320-00-851-9469,4 PCS, 3/4 IN.W,13 IN. LG.REQUIRED.....	EA	V
1	32	XEOZZ	5325-00-724-7655	12S1-9-1AA	71200	STUD, FASTENER MTG, FILTER RETAINER.....	EA	2

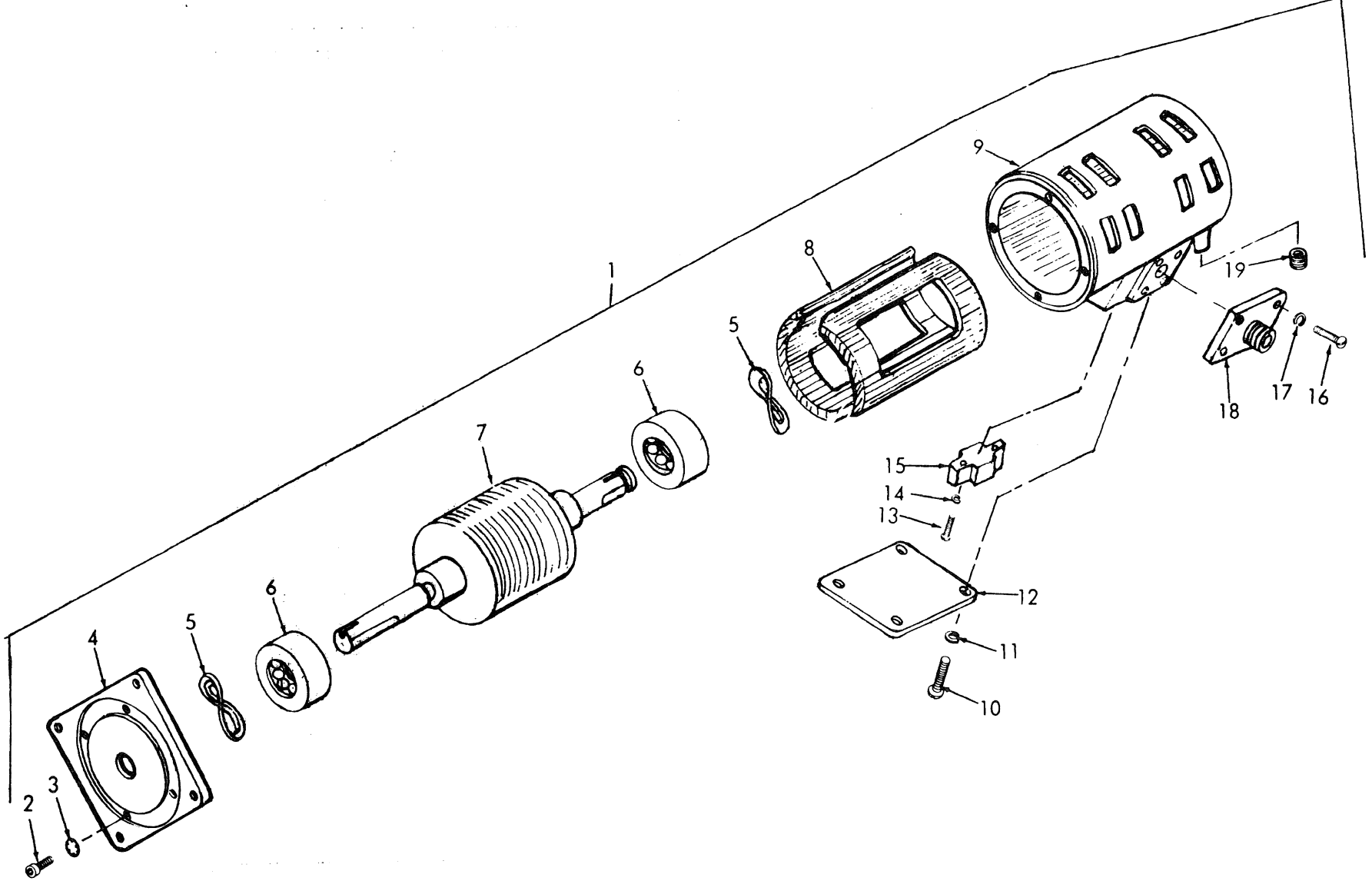
(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION / USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
2	33	XBDZZ		8225-1	97996	RETAINER, FILTER	EA	1
1	34	PADZZ	5310-00-530-9963	553-1	71400	WASHER, LOCK FILTER RETAINER MTG	EA	2
2	35	PADZZ	4130-00-981-6615	FLR70	00392	FILTER, BLOWER	EA	1
3	36	PAFZZ	5320-00-117-6010	MS20426AD2-5	96906	RIVET, SOLID FILTER SUPPORT MTG	EA	4
4	37	XBHZZ		8188-1	97996	SUPPORT, FILTER BLOWER	EA	1
1	38	XBDZZ		12R1AA	71400	RECEPTACLE, FILTER	EA	1
3	39	PAFZZ	5305-00-995-1848	MS35207-265	96906	SCREW, MACHINE CLAMP MTG, NO. 10-32 THD SIZE, 3/4 IN. LG	EA	3
1	40	PAFZZ	5310-00-809-8546	MS27183-8	96906	WASHER, FLAT CLAMP MTG, NO. 10 SCREW SIZE	EA	3
4	41	XBFZZ		MS35338-8	96906	WASHER, LOCK CLAMP MTG, NO. 10 SCREW SIZE	EA	3
5	42	XBFZZ	5340-00-543-4394	MS25281C06	96906	CLAMP, LOOP	EA	3
1	43	XBDZZ		P312	28520	PLUG, BUTTON	EA	1
2	44	XBDZZ	5975-00-838-0150	SB312-3	28520	BUSHING, ELECTRICAL NYLON	EA	1
2	45	XBDZZ		13P6ND13S1B6D5-1	70697	PENDANT CHAIN DAMPER CONTROL	EA	1
1	46	XBDZZ		8322-100	97996	CHAIN ASSEMBLY	EA	1
1	47	XBDZZ		MS24586C1	96906	SPRING, HELICAL, DAMPER	EA	1
1	48	XBFZZ		8141-1	97996	ANGLE DAMPER DOOR CHAIN	EA	1
3	49	XBDZZ		8220-1	07771	PLUG, BUTTON	EA	1
4	50	XBHZZ		MS35298-5	96906	SCREW, CAP HEXAGON BASE TO CASE MTG	EA	7
1	51	XBHZZ		MS35338-5	96906	WASHER, LOCK BASE TO CASE MTG	EA	7
1	52	PAHZZ	5310-00-809-4058	MS27183-10	96906	WASHER, FLAT BASE TO CASE MTG	EA	7
4	53	XBHZZ		8173-1	97996	BASE	EA	1
3	54	XBFZZ		8176-1	97996	CUP, MOUNTING UNIT	EA	4
2	55	XBDZZ		8178-1	97996	PLUG, PIPE BASE FRONT	EA	2
1	56	XBHZZ		8162-100	97996	CASING ASSEMBLY	EA	1



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Figure 2. Blower Fans and Motor Support

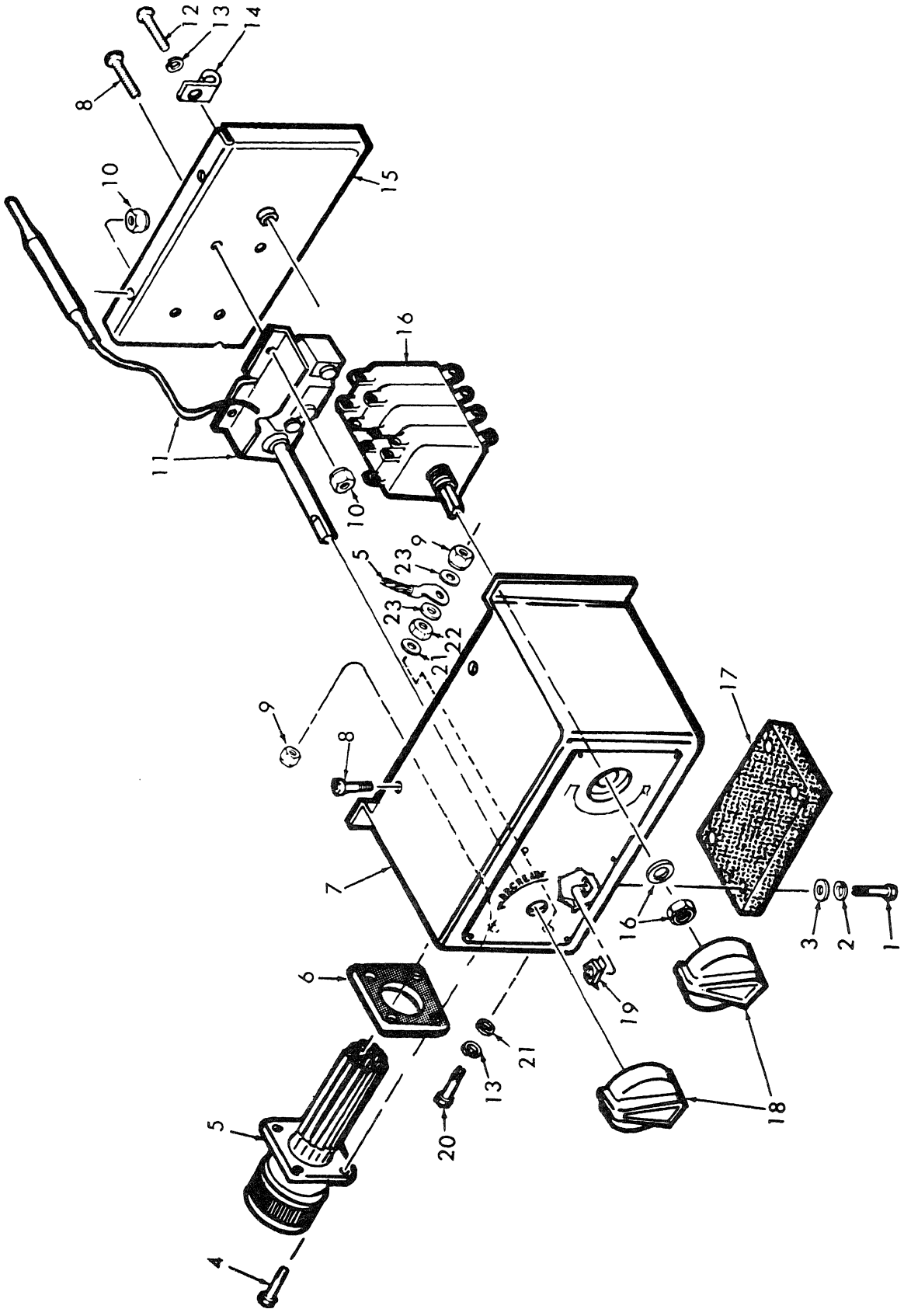
(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 02 BLOWER FANS AND MOTOR SUPPORT		
2	1	XBUZZ		MS35649-294	96906	SCREW, MACHINE FAN MOTOR MTG	EA	4
2	2	PAUZZ	5320-00-644-4872	MS20043-4	96906	NUT, EXTENDED FAN MOTOR MTG	EA	4
2	3	PAUZZ	5310-00-809-4058	MS27183-10	96906	WASHER,FLAT FAN MOTOR MTG 1/4 IN. SCREW SIZE	EA	4
2	4	XBUZZ		8356-1	70998	ISOLATOR FAN MOTOR	EA	1
2	5	XEFZZ		8300-1	70998	GROMMET FAN MOTOR	EA	4
2	6	XEUZZ		8355-1	70998	BOLT, SHOULDERED MOTOR SUPPORT AND CONE ASSEMBLY	EA	2
2	7	XEUZZ		MS35338-27	96906	WASHER, LOCK MOTOR SUPPORT AND CONE ASSEMBLY	EA	2
2	8	PAUZZ	5320-00-080-6004	MS27183-14	96906	WASHER, FLAT MOTOR SUPPORT AND CONE ASSEMBLY 3/8 SCREW SIZE	EA	2
2	9	XBUZZ		8300-2	70998	GROMMET	EA	2
2	10	XEFZZ		8319-1 CC	70998	SUPPORT, MOTOR	EA	1
2	11	XBFZZ		8316-1	70998	WASHER, SPECIAL	EA	1
2	12	XEFZZ		8303-1	70998	SPACER	EA	1
2	13	XEUZZ	5305-00-975-4975	53C59751975	70998	SETSCREW CONDENSER FAN MTG	FT	1
2	14	PAUZZ	5315-00-730-4977	MS20066-147	96906	KEY, MACHINE CONDENSER FAN MTG	EA	1
2	15	XEUZZ		7W8C864-1	09249	FAN, CONDENSER	EA	1
2	16	PAUZZ	5305-00-964-6194	MS35206-246	96906	SCREW, MACHINE NO. 8-32 THD SIZE, 5/8 IN. LG	EA	10
2	17	PAUZZ	5310-00-045-8295	MS35338-43	96906	WASHER, LOCK	EA	8
2	18	PAUZZ	5310-00-809-8544	MS27183-7	96906	WASHER, FLAT NO. 8 SCREW SIZE	EA	10
2	19	XEUZZ		8225-1	70998	RING, FAN INLET	EA	1
2	20	PAUZZ	5315-00-730-4564	MS20066-143	96906	KEY, MACHINE EVAPORATOR FAN MTG	EA	1
2	21	XEUZZ		53C5C1C2572	70998	SETSCREW EVAPORATOR FAN MTG, HEXAGON SOCKET HEAD, 1/4-20 THD SIZE, 5/8 IN. LG	EA	1
2	22	XBUZZ		7W8C902REVC	09249	FAN, EVAPORATOR	EA	1
2	23	PAFZZ	5310-00-188-7972	MS27133-18K	96906	NUT, BLIND RIVET MOTOR SUPPORT	EA	8



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Figure 3. Blower Motor

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION / USABLE ON CODE	(7) U/M	(8) QTY INC IN UN
3	1	PAOZZ	6105-00-302-1811	P11675	46175	MOTOR,ALTERNATING C COMPONENTS SAME AS MOTOR,P/N P11675 EXCEPT WHERE ANNOTATED.....	EA	1
3	1	PAOHH	6105-00-932-0793	P11674	46175	MOTOR,ALTERNATING C.....	EA	1
3	2	XBFZZ	5305-00-579-4151	MS35457-23	96906	.SCREW, SOCKET HEAD FLANGE HOOD MTG NO. 10-24 THD. SIZE, 1/2 IN. LG.....	EA	4
3	3	XBFZZ		MS35338-5	90598	.WASHER, LOCK FLANGE HOOD MTG NO. 10 SCREW SIZE.....	EA	4
3	4	XBFZZ		H4-113	46175	.FLANGE, HOOD MOTOR END BELL.....	EA	1
3	5	XBFZZ	5310-00-242-7711	S75-250	46175	.WASHER,SPRING BEARING TENSION.....	EA	2
3	6	XBFZZ		K3062K2	90598	.BEARING, BALL ROTOR SHAFT.....	EA	2
3	7	XBFZZ		H24-86	46175	.ROTOR, MOTOR.....AFG	EA	1
3	8	XBFZZ		H434-125-10	46175	.STATOR, MOTOR.....AFG	EA	1
3	9	XAOZZ		H4-130	46175	.FIELD, SHELL.....	EA	1
3	10	XBFZZ		MS35204-53	96906	.SCREW, MACHINE OVERLOAD PROTECTOR COVER MTG, NO. 10-24 THD SIZE,3/8 IN. LG.....	EA	4
3	11	XBFZZ	5310-00-045-3296	MS35338-5	96906	.WASHER, LOCK OVERLOAD PROTECTOR COVER MTG.....	EA	4
3	12	XBFZZ		H4-118	46175	.COVER OVERLOAD PROTECTOR.....	EA	1
3	13	XBFZZ		53051512286	46175	.SCREW,MACHINE PROTECTOR MTG, FLAT HEAD, NO. 8-32 THD SIZE, 1/2 IN LG.....	EA	2
3	14	XBFZZ		MS35337-4	96906	.WASHER, LOCK PROTECTOR MTG NO. 8 SCREW SIZE, INTERNAL TEETH	EA	2
3	15	XBFZZ		MWH00JX	46175	.PROTECTOR, MOTOR.....AFG	EA	1
3	16	XBFZZ		53056058160	46175	.SCREW,MACHINE FAN MOTOR CONNECTOR MTG, 4-40 THD SIZE, 3/8 IN. LG.....	EA	4
3	17	XBFZZ		MS35337-2	96906	.WASHER, LOCK FAN MOTOR, CONNECTOR MTG.....	EA	4
3	18	XBFZZ	5935-00-801-6616	MS3102R14S7P	96906	.CONNECTOR, FAN MOTOR.....	EA	1
3	19	XBFZZ		1185-5CN0625	46175	.HELICAL-COIL MOTOR MTG.....	EA	2



TS 4120-312-24P/4

Figure 4. Control Panel and Related Parts

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 03 - CONTROL VALVE		
4	1	XBFZZ	5305-00-068-0502	MS35291-6	96906	SCREW, CAP, HEXAGON CONTROL BOX MTG, 1/4-20 THD SIZE, 3/4 IN. LG.....	EA	4
4	2	XBFZZ		MS35339-25	96906	WASHER, LOCK CONTROL BOX MTG, 1/4 IN. SCREW SIZE.....	EA	4
4	3	PAFZZ	5310-00-809-4058	MS27183-10	96906	WASHER,FLAT CONTROL BOX MTG 1/4 IN. SCREW SIZE.....	EA	1
4	4	PAFZZ	5305-00-989-7435	MS35207-264	96906	SCREW, MACHINE CONNECTOR MTG HARNESS ASSEMBLY, NO. 10-32 THD SIZE, 5/8 IN. LG.....	EA	4
4	5	XBFZZ		8289-100	90598	WIRING, HARNESS, CONTROL PANEL TO JUNCTION BOX.....	EA	1
4		XBFZZ	6145-00-578-7517	61455787517	90598	.WIRE,ELECTRICAL 7 FT 6 IN REQUIRED.....	RL	V
4	6	XBFZZ		3804-8	90598	GASKET, RUBBER CONNECTOR MTG.....	EA	1
4	7	XBFZZ		8297-1	90598	BOX, CONTROL.....	EA	1
4	8	PAFZZ	5305-00-984-6193	MS35206-245	96906	SCREW, MACHINE PLATE AND SWITCH MTG NO. 8-32 THD SIZE, 1/2 IN. LG.....	EA	8
4	9	PAFZZ	5310-00-061-7326	MS21045-3	96906	NUT, SELF-LOCKING, NO. 10-32 THD SIZE.....	EA	5
4	10	PAFZZ	5310-00-889-2549	MS21045-08	96906	NUT, SELF-LOCKING, CONTROL BOX MTG, NO. 8-32 THD SIZE.....	EA	8
4	11	PAOZZ	5930-00-994-5614	229XC	92578	SWITCH, THERMOSTIC TEMPERATURE CONTROL.....	EA	1
4	12	PAFZZ	5305-00-964-7814	MS35207-291	96906	SCREW, MACHINE CONTROL BOX NO. 10-32 THD SIZE, 3/8 IN. LG...	EA	1
4	13	PAFZZ	5310-00-045-3296	MS35338-43	96906	WASHER,LOCK CONTROL BOX, NO. 10 SCREW SIZE.....	EA	3
4	14	PAFZZ	5340-00-291-5344	MS21919H5	96906	CLAMP,LOOP.....	EA	7
4	15	XBFZZ		8299-1	90598	PLATE MOUNTING.....	EA	
4	16	XBOZZ	5930-00-907-8948	8912K216	15605	SWITCH, ROTARY.....	EA	
4	17	XBFZZ		8264-1	90598	GASKET CONTROL BOX TO JUNCTION BOX MTG.....	EA	1
4	18	XBOZZ	5355-00-926-5289	RB175	86797	KNOB, CONTROL ROTARY SWITCH.....	EA	2
4	19	PAFZZ	5340-00-586-7652	C7988-1420	78553	NUT, RETAINER, CAGE CONTROL BOX.....	EA	4
4	20	PAFZZ	5305-00-993-1851	MS35207-267	96906	SCREW, MACHINE CONTROL BOX, NO. 10-32 THD SIZE, 1 IN. LG....	EA	1
4	21	PAFZZ	5310-00-584-7800	MS15795-708	96906	WASHER, FLAT CONTROL BOX NO. 10 SCREW SIZE.....	EA	2
4	22	PAFZZ	5310-00-934-9751	MS35650-102	96906	NUT, PLAIN, HEXAGON CONTROL BOX, NO. 10-32 THD SIZE.....	EA	1
4	23	PAFZZ	5310-00-823-8804	MS27183-9	96906	WASHER, FLAT CONTROL BOX, NO. 10 SCREW SIZE.....	EA	2

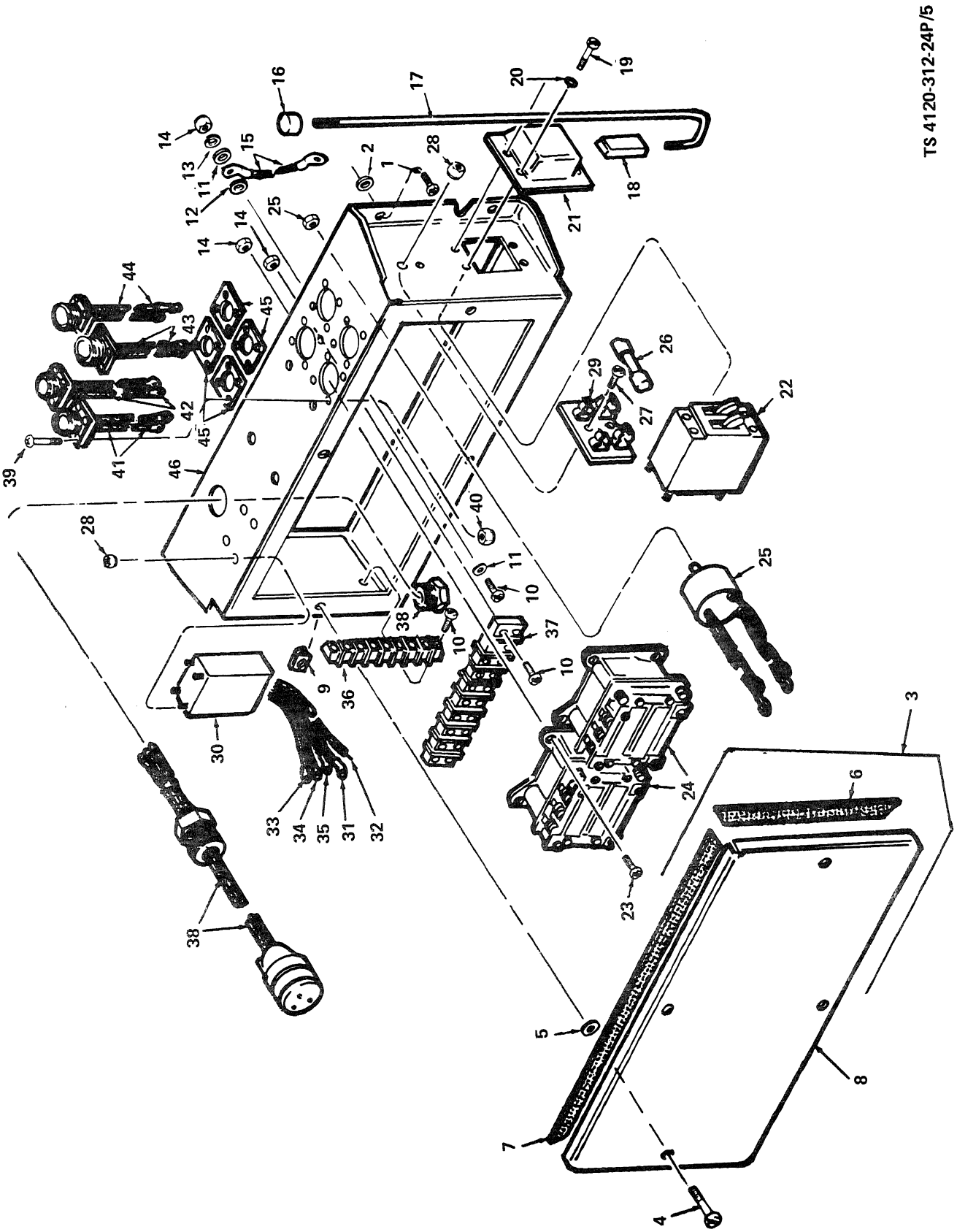
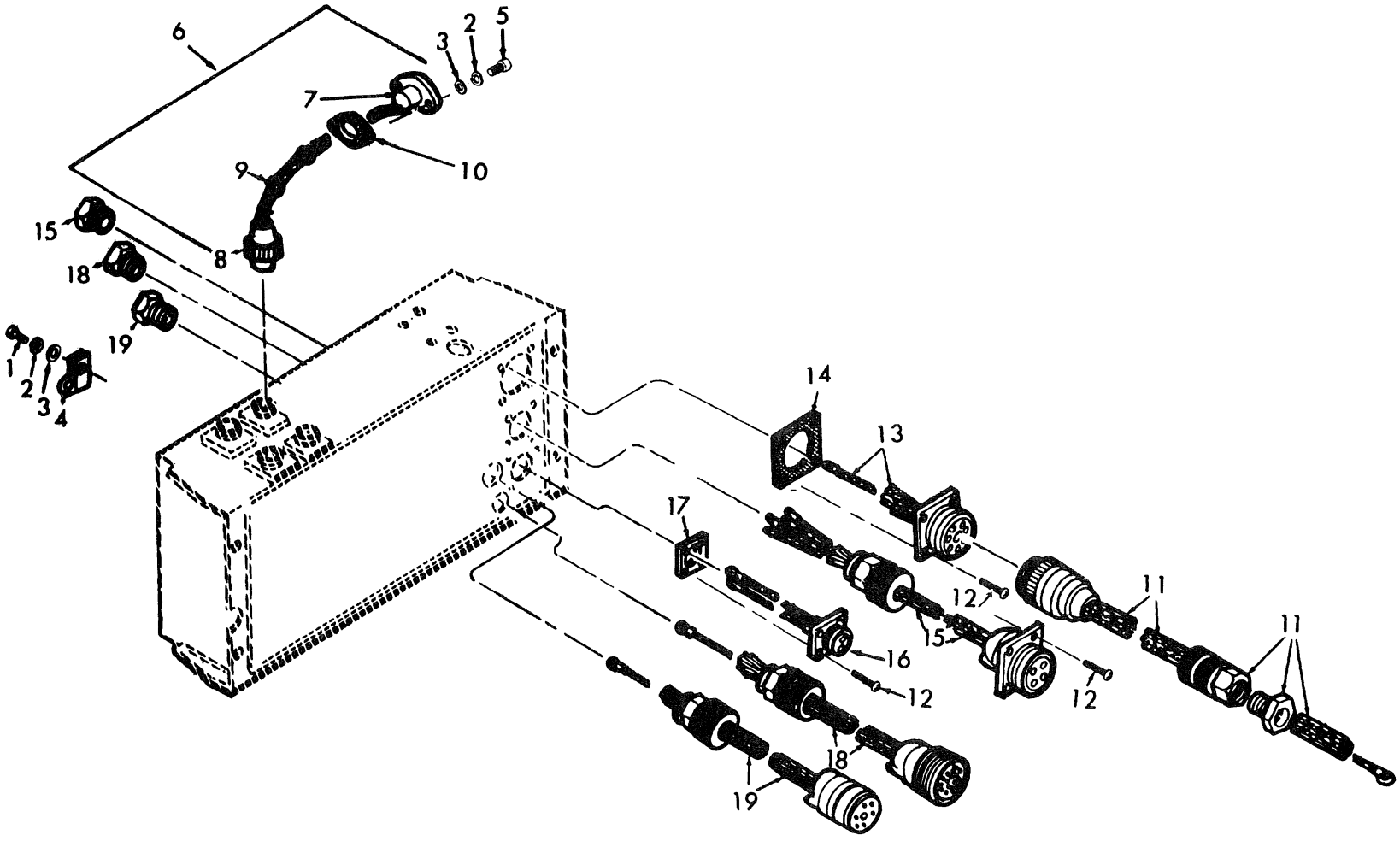


Figure 5. Junction Box

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION *USABLE ON CODE*	(7) U/M	(8) QTY INC IN UNIT
						GROUP 04 JUNCTION BOX		
5	1	PAOZZ	5305-00-959-5237	12-11-203-12	94222	SCREW PANEL FASTENER, JUNCTION BOX MTG	EA	4
5	2	XBOZZ		12-1110-14-12	94222	WASHER, RETAINING JUNCTION BOX MTG	EA	4
5	3	XBOZZ		8308-100	90996	COVER, JUNCTION BOX	EA	1
5	4	XBOZZ	5305-00-889-3136	MS35225-43	96906	SCREW, MACHINE PANEL MTG, NO. 8-32 THD SIZE, 3/8 IN. LG	EA	4
5	5	XBOZZ		8373-1	90996	WASHER, NONMETALLIC PANEL MTG	EA	4
5	6	MCOZZ	9320851 9469	9320851 9469	90996	GASKET, RUBBER COVER, JUNCTION BOX, END, 3/32 IN. THK, 3/8 IN. W, 12-1/2 IN. LG MANUFACTURE FROM: RUBBER, CELLULAR, NSN 9320-00-851-9469	FT	2
5	7	MOOZZ	9320851 9469	9320851 9469	90996	GASKET, COVER JUNCTION BOX, SIDE, 3/32 IN. THK, 3/8 IN. W, 5-1/2 IN. LG MANUFACTURE FROM: RUBBER, CELLULAR, NSN 9320-00-851-9469	EA	2
5	8	XBOZZ		8308-1	90996	PANEL JUNCTION BOX, FRONT	EA	1
5	9	XBOZZ		MS90723-29	96906	NUT, SHEET, SPRING PANEL MTG	EA	4
5	10	XBOZZ		MS35207-220	96906	SCREW, MACHINE NO. 10-32 THD SIZE, 7/8 IN. LG	EA	1
5	11	PAOZZ	5310-00-823-0804	MS27183-9	96906	WASHER, FLAT NO. 10 SCREW SIZE	EA	2
5	12	PAOZZ	5310-00-802-8544	MS15795-709	96906	WASHER, FLAT NO. 10 SCREW SIZE	EA	2
5	13	PAOZZ	5310-00-045-8296	MS35338-43	96906	WASHER, LOCK NO. 10 SCREW SIZE	EA	1
5	14	PAOZZ	5310-00-081-7326	MS21045-3	96906	NUT, SELF-LOCKING, NO. 10-32 THD SIZE	EA	9
5	15	MOOZZ		8179-19	90996	WIRE ASSEMBLY HEATER ELEMENT TO TERMINAL BOARD, MANUFACTURE FROM: WIRE, ELECTRICAL, 24 IN. REQUIRED, NSN 6145-00-578-7513, TERMINAL LUG, 1 REQUIRED NSN 5940-00-660-3634, TERMINAL LUG, 1 REQUIRED, NSN 5940-00-204-9442	EA	
5	16	XBOZZ		8396-1	90996	ROD, LINKAGE CIRCUIT BREAKER	EA	
5	17	XBOZZ		8397-1	90996	ROD, LINKAGE	EA	
5	18	XBOZZ		8790-1	90996	CONNECTOR, LINKAGE CIRCUIT BREAKER	EA	1
5	19	XBOZZ		5305354277C	90996	SCREW, MACHINE SHIELD MTG, NO. 8-32 THD SIZE, 5/16 IN. LG	EA	4
5	20	XBOZZ	5310-00-082-1814	5310082 1814	90996	WASHER, LOCK SHIELD MTG, NO. 8 SCREW SIZE	EA	V
5	21	XBOZZ		8342-1	90996	COVER, CIRCUIT	EA	1
5	22	PAFZZ	5925-00-925-5226	71-179-2M66	74279	CIRCUIT BREAKER	EA	1
5	22	XBOZZ		71-179-1M66	74279	CIRCUIT BREAKER	EA	1
5	23	PAOZZ	5305-00-989-7434	MS35207-263	96906	SCREW, MACHINE SOLENOID MTG NO. 10-32 THD SIZE, 1/2 IN. LG	EA	8
5	24	PAFZZ	5945-00-982-8258	9565E03	80009	RELAY, ELECTROMAGNET COIL, VOLT 28	EA	2
5	25	PAFZZ	5961-00-913-1749	ERF2158	00099	SEMICONDUCTOR	EA	1
5	26	PAOZZ	5920-00-999-5442	KAW5	74400	FUSE, CARTRIDGE 5 AMP	EA	2
5	27	XBOZZ		MS24693-27	96906	SCREW, MACHINE FUSEHOLDER MTG, NO. 6-32 THD SIZE, 7/16 IN. LG	EA	2
5	28	PAOZZ	5310-00-889-2544	MS21045-06	96906	NUT, SELF-LOCKING, NO. 6-32 THD SIZE	EA	8
5	29	XBOZZ	5920-00-242-7448	4525	74400	FUSEHOLDER	EA	1
5	30	PAOZZ	5945-00-905-9222	2410-18	02209	RELAY, ELECTROMAGNET AFG	EA	1
5	30	PAOZZ	5945-00-956-2660	2409-18	02209	RELAY, ELECTROMAGNET AFH	EA	1
5	31	MOOZZ		8788-1	90996	WIRE ASSEMBLY RELAY MANUFACTURE FROM: WIRE ELECTRICAL, 15 IN. REQUIRED, NSN 6145-00-578-7527 TERMINAL LUG, 1 REQUIRED, NSN 5940-00-551-1627	EA	1

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION *USABLE ON CODE*	(7) U/M	(8) QTY INC IN UNIT
5	32	MOOZZ		3788-2	90598	WIRE, ASSEMBLY RELAY MANUFACTURE FROM: WIRE,ELECTRICAL,16 IN.REQUIRED,NSN 6145-00-578-7517.....	EA	1
5	33	MOOZZ		3788-3	90598	WIRE, ASSEMBLY RELAY MANUFACTURE FROM: WIRE,ELECTRICAL,5 IN.REQUIRED,NSN 6145-00-578-7517 TERMINAL LUG,1 REQUIRED, NSN 5940-00-551-1627.....	EA	1
5	34	MOOZZ		3788-4	90598	WIRE, ASSEMBLY RELAY MANUFACTURE FROM: WIRE,ELECTRICAL,5 IN.REQUIRED,NSN 6145-00-578-7517 TERMINAL LUG,1 REQUIRED,NSN 5940-00-551-1627.....	EA	1
5	35	MOOZZ		3788-5	90598	WIRE, ASSEMBLY RELAY MANUFACTURE FROM: WIRE,ELECTRICAL,5 1/2 IN.REQUIRED,NSN 6140-00-578-7517 TERMINAL LUG,1 REQD NSN 5940-00-551-1627.....	EA	1
5	36	XBOZZ		699-7	75382	TERMINAL BOARD.....	EA	1
5	37	XBOZZ		MILT551643CLASS3 9TB8	81349	TERMINAL,BLOCK.....	EA	1
5	38	XBOZZ		8326-100	90598	WIRING HARNESS FAN MOTOR.....	EA	1
5	39	PAOZZ	5305-00-889-2997	MS35206-215	96906	SCREW, MACHINE CONNECTOR AND WIRE ASSEMBLY MTG,NO.4-40 THD SIZE,3/8 IN LG. LG.....	EA	20
5	40	PAOZZ	5310-00-889-2543	MS21045-04	96906	NUT, SELF-LOCKING, CONNECTOR AND WIRE ASSEMBLY MTG, NO. 4-40 THD SIZE.....	EA	20
5	41	XBOZZ		8197-3	90598	WIRING HARNESS CONNECTOR PLUG TO TERMINAL BOARD, NO. 1.....	EA	1
5	42	XBOZZ		8197-1	90598	WIRING HARNESS CONNECTOR PLUG TO COMPRESSOR CONTACTOR.....	EA	1
5	43	XBOZZ		8197-4	90598	WIRING HARNESS CONNECTOR PLUG TO COMPRESSOR.....	EA	1
5	44	XBOZZ		8197-2	90598	WIRING HARNESS.....	EA	1
5	45	XBOZZ		3804-5	90598	GASKET, RUBBER.....	EA	4
5	46	XBOZZ		8269	90598	JUNCTION BOX.....	EA	1



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Figure 6. Junction Box Wiring Harness and Temperature Switch

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION *USABLE ON CODE*	(7) U/M	(8) QTY INC IN UNIT
6	1	PAOZZ	5305-00-984-6194	MS35206-246	96906	SCREW, MACHINE CLAMP MTG, NO. 8-32 THD SIZE, 5/8 IN. LG.....	EA	1
6	2	PAOZZ	5310-00-045-3299	MS35338-23	96906	WASHER, LOCK CLAMP MTG, NO. 8 SCREW SIZE.....	EA	3
6	3	PAOZZ	5310-00-809-8544	MS27183-7	96906	WASHER, FLAT CLAMP MTG, NO. 8 SCREW SIZE.....	EA	3
6	4	XBOZZ		MS21919-15	96906	CLAMP,LOOP.....	EA	1
6	5	PAOZZ	5305-00-984-6191	MS35206-243	96906	SCREW, MACHINE THERMOSTATIC SWITCH MTG NO. 8-32 THD. SIZE, 3/8 IN. LG.....	EA	2
6	6	XBOZZ		8156-100	90598	THERMOSTAT ASSEMBLY OUTSIDE AIR TEMPERATURE.....	EA	1
6	7	PAOZZ	5930-00-981-6680	NTP-25	93410	.SWITCH, ❶UTSIDE AIR TEMPERATURE.....	EA	1
6	8	PAOZZ	5935-00-819-5887	MS3106R16S4P	96906	.CONNECTOR,PLUG THERMOSTAT ASSEMBLY.....	EA	1
6	9	MOOZZ		61455787517	90598	.LEAD,ELECTRICAL THERMOSTATIC SWITCH MANUFACTURE FROM: WIRE ELECTRICAL,30 IN.REQUIRED, NSN 6145-00-578-7517.....	FT	V
6	10	XBOZZ		8273-1	90598	GASKET, THERMOSTATIC SWITCH.....	EA	1
6	11	XBOZZ		8293-100	90598	HARNESS ASSEMBLY CONTROL BOX TO HEATERS.....	EA	1
6	12	PAOZZ	5305-00-053-1114	MS24621-11	96906	SCREW,THREAD TAP.....	EA	4
6	13	XBOZZ		8186-100	90598	CONNECTOR ASSY CONNECTOR PLUG TO TERMINAL BLOCK,AND HEATER CONTACTOR.....	EA	1
6	14	XBOZZ		3804-8	90598	GASKET, RUBBER.....	EA	1
6	15	XBOZZ		8294-100	90598	HARNESS ASSEMBLY POWER CONNECTION.....	EA	1
6	16	XBOZZ		8197-5	90598	CONNECTOR,ASSY CONNECTOR PLUG TO TERMINAL BOARD,NO. 12.....	EA	1
6	17	XBOZZ	4130-00-983-2335	C6974-22-41	78553	RING, RETAINING CONNECTOR.....	EA	1
6	18	XBOZZ		8295-100	90598	HARNESS ASSEMBLY COMPRESSOR TO CONTROL BOX.....	EA	1
6	19	XBOZZ		8291-100	90598	HARNESS ASSEMBLY CONTROL CABLE.....	EA	1

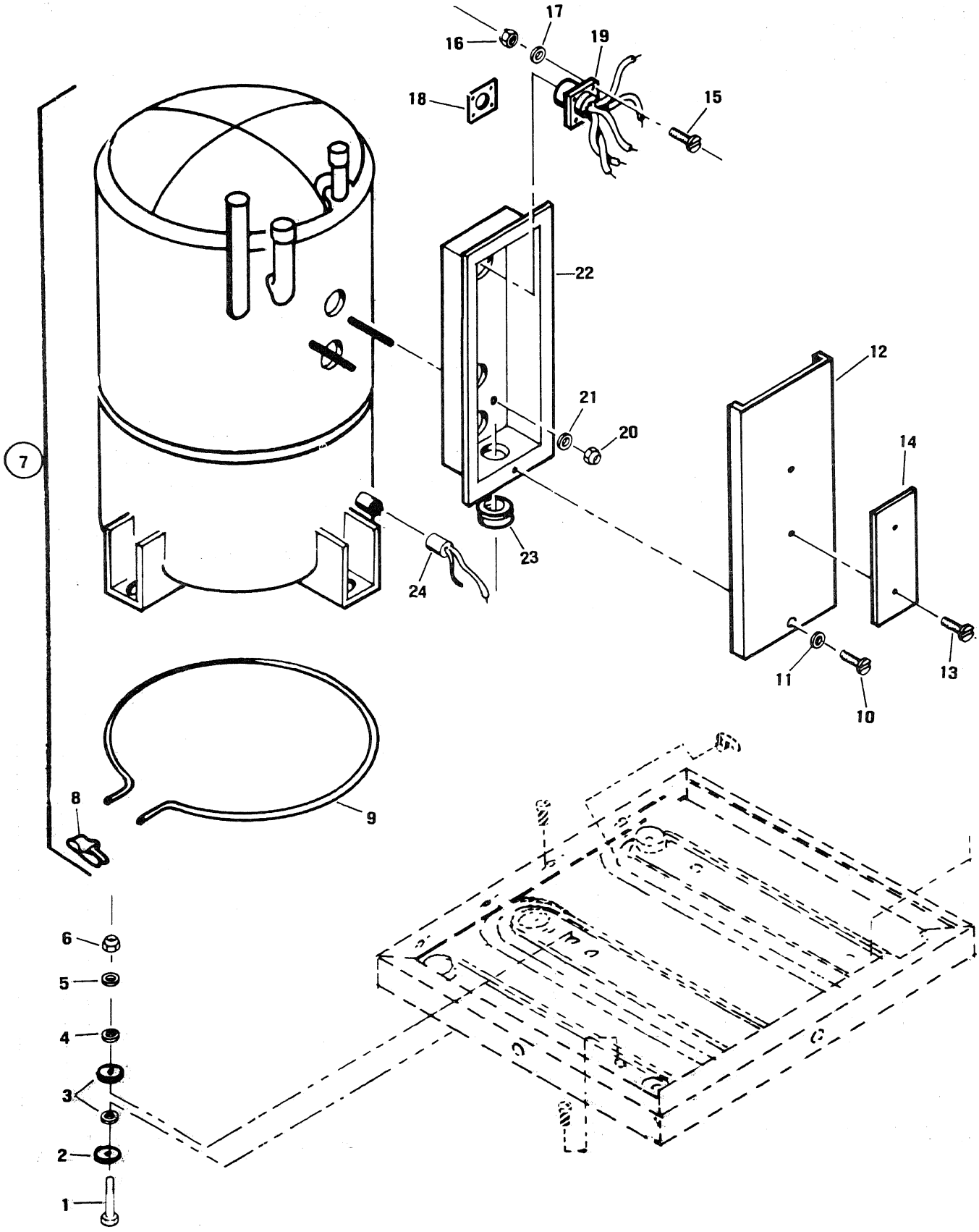


Figure 7. Compressor Assembly.

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION / USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 05 COMPRESSOR ASSEMBLY		
7	1	PAFZZ	5306-00-235-4727	13211E8166	97403	SCREW,SHOULDER	EA	4
7	2	PAFZZ	5310-00-167-0768	MS63040-6	96906	WASHER,FLAT	EA	8
7	3	PAFZZ	5310-00-401-3365	13211E8170	97403	WASHER,SHOULDER	EA	8
7	4	PAFZZ	3120-00-410-6718	13211E8169	97403	BUSHING,SLEEVE	EA	4
7	5	PAFZZ	5310-00-167-0767	AN970-5	88044	WASHER,FLAT	EA	4
7	6	PAFZZ	5310-00-880-7144	MS51967-5	96906	NUT,PLAIN,HEXAGON	EA	4
7	7	PAFZZ	4130-00-139-3378	6A26M179	19699	COMPRESSOR,AFG	EA	1
7	7	PAFZZ	4130-00-139-3372	6A26M185	19699	COMPRESSOR,AFH	EA	1
7	8	XBOZZ		KA9CEC08C	19699	CLIP	EA	
7	9	XBOZZ		HT32AZ232	19699	HEATER,BAND	EA	
7	10	XBOZZ	5305-00-056-9945	MS24621-18	96906	SCREW	EA	
7	11	XBOZZ		MS35338-22	96906	WASHER	EA	
7	12	XBOZZ		1RG4C76C	19699	COVER,JUNCTION BOX	EA	
7	13	XBOZZ		BRG5CC7B	19699	RIVET	F	
7	14	XBOZZ		1RG5212C	19699	NAME PLATE		
7	15	XBOZZ	5305-00-689-2999	MS35206-217	96906	SCREW		
7	16	XBOZZ	5310-00-934-9736	MS35645-242	96906	NUT		
7	17	XBOZZ		MS35338-21	96906	WASHER,LOCK		
7	18	XBOZZ		MS51007-1	96906	GASKET	EA	
7	19	XBOZZ		MS3102R20-15P	96906	CONNECTOR,RECEPT	EA	1
7	20	XBOZZ		RG5CC48	19699	NUT	EA	2
7	21	XBOZZ		AUC2AA131	19699	WASHER	EA	2
7	22	XBOZZ		RG5222C	19699	JUNCTION BOX	EA	1
7	23	XBOZZ	5325-00-940-7568	MS35489-37	96906	GROMMET	EA	1
7	24	XBOZZ		RG51638	19699	THERMOSTAT	EA	1

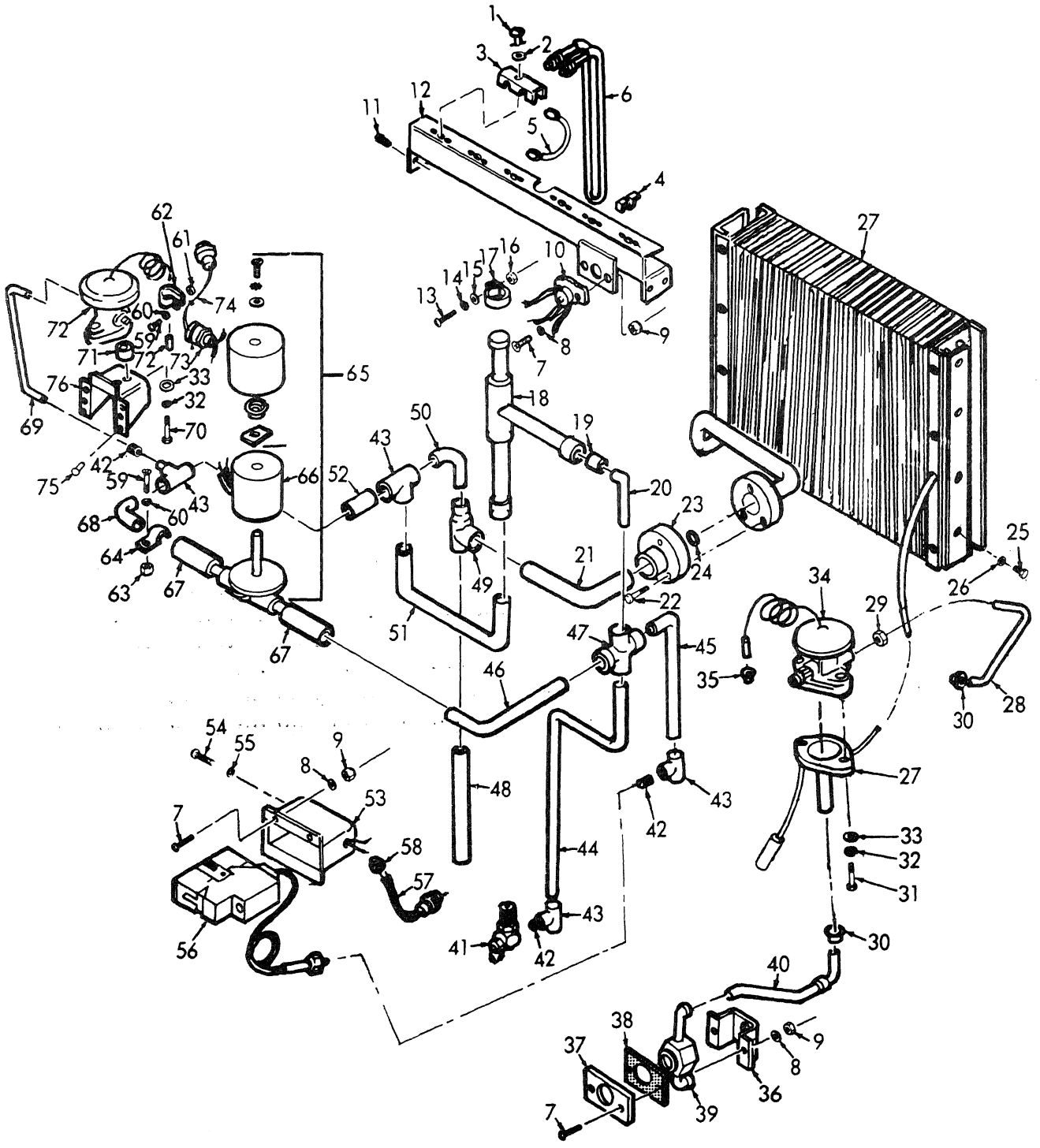


Figure 8. Evaporator, Heater, Sight Indicator, Valves, and Tubing

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 06 EVAPORATOR, HEATING INDICATORS AND PIPING		
8	1	PAUZZ	5305-00-984-7441	12-11-813-32	94222	SCREW, SPECIAL CLAMP MTG, HEATER, NO. 8-32 THD SIZE, 5/8 IN. LG	EA	6
8	2	XBUZZ	5310-00-880-9344	12-110-14-32	94222	WASHER,RETAINING JUNCTION BOX MTG	EA	6
8	3	XBUZZ		8387-2	90598	CLAMP ELEMENT MTG, HEATER	EA	6
8	4	XBUZZ		8227	90598	CLIP ELEMENT RETAINING	EA	6
8	5	MUUZZ		8182-1	06349	LEAD, ELECTRICAL HEATER ELEMENT, HR3B TO HR4B MANUFACTURE FROM: WIRE,ELECTRICAL,4 IN. REQUIRED, NSN 6145-00-548-1454 TERMINAL,LUG, MS25036-8 (96906)	EA	1
8	5	MUUZZ		8182-2	06349	LEAD, ELECTRICAL HEATER ELEMENT, HR1B TO HR2B MANUFACTURE FROM: WIRE,ELECTRICAL,4 IN. REQUIRED, NSN 6145-00-548-1454 TERMINAL,LUG, MS25036-8 (96906)	EA	1
8	5	MUUZZ		8182-4	06349	LEAD, ELECTRICAL HEATER ELEMENT, HR5A TO HR6A MANUFACTURE FROM: WIRE,ELECTRICAL,4 IN. REQUIRED, NSN 6145-00-548-1454 TERMINAL,LUG, MS25036-8 (96906)	EA	1
8	5	MUUZZ		8182-5	06349	LEAD, ELECTRICAL HEATER ELEMENT, HR5B TO HR6B MANUFACTURE FROM: WIRE,ELECTRICAL,4 IN. REQUIRED, NSN 6145-00-548-1454 TERMINAL,LUG, MS25036-8 (96906)	EA	1
8	6	PAFZZ	4130-00-878-0103	8353-1	90598	ELEMENT, HEATER	EA	6
8	7	PAUZZ	5305-00-984-8194	MS35206-246	96906	SCREW, MACHINE NO. 8-32 THD. SIZE 5/8 IN. LG	EA	8
8	8	PAUZZ	5310-00-809-8544	MS27183-7	96906	WASHER, FLAT NO. 8 SCREW SIZE	EA	10
8	9	PAUZZ	5310-00-889-2545	MS21045-08	96906	NUT, SELF-LOCKING, NO. 8-32 THD SIZE	EA	6
8	10	XBUZZ		8307-100	90598	SWITCH, CONTROL, HEATER	EA	1
8	11	XBFZZ		MS20C60C0AD4M2	96906	RIVET, BLIND SUPPORT MTG	EA	4
8	12	XBFZZ		8214-100	90598	SUPPORT, HEATER ELEMENT MTG	EA	1
8	13	PAFZZ	5305-00-995-8311	MS35207-271	96906	SCREW, MACHINE CLAMP MTG NO. 10-32 THD, SIZE 2 IN. LG	EA	1
8	14	PAFZZ	5310-00-809-8546	MS27183-8	96906	WASHER, LOCK CLAMP MTG, NO. 10	EA	8
8	15	PAFZZ	5310-00-809-8546	MS27183-8	96906	WASHER, FLAT CLAMP MTG, NO. 10	EA	1
8	16	XBFZZ		8376-1	90598	SPACER CLAMP MTG	EA	6
8	17	XBFZZ	5340-00-726-9321	MS27519DG2C	96906	CLAMP, LOOP VALVE MTG	EA	1
8	18	XBFZZ		7C237-131	05402	VALVE PRESSURE	EA	1
8	19	XBFZZ	4730-00-822-1277	W1715	41947	BUSHING REDUCER 5/8 IN. TO 1/2 IN.	EA	1
8	20	MFFZZ		8232-15	90598	TUBE,COPPER CROSS TO PRESSURE RELIEF VALVE, 1/2 IN. OD, .035 IN. W MANUFACTURE FROM: TUBE, COPPER, NSN 4710-00-059-5900	EA	1
8	21	MFFZZ		8233-9	90598	TUBE, COPPER FLANGE TO TEE, 3/4 IN. OD, .035 IN. W MANUFACTURE FROM: TUBE,COPPER,NSN 4710-00-554-8692	EA	1
8	22	XBFZZ	5305-00-068-0513	53C5C68C513	96906	SCREW,CAP FLANGE MTG, 3/4-20 THD SIZE, 3/4 IN. LG	EA	3
8	23	XBFZZ	4730-00-408-4566	8233-1	90598	FLANGE, TUBE	EA	1
8	24	XBFZZ	5330-00-018-7483	RNG146	80244	PACKING, PREFORMED FLANGE SEALING	EA	1
8	25	PAFZZ	5305-00-989-7434	MS35207-263	96906	SCREW, MACHINE EVAPORATOR MTG NO. 10-32 THD. SIZE 1/2 IN. LG	EA	8
8	26	PAFZZ	5310-00-809-8546	MS27183-8	96906	WASHER, FLAT EVAPORATOR MTG	EA	1
8	27	PAFZZ	4130-00-931-6785	MAF92005-100	90598	EVAPORATOR ASSEMBLY	EA	1
8	28	MFFZZ		8243-1	90598	TUBE, COPPER EQUALIZER LINE, 1/4 IN. OD, .032 IN. W MANUFACTURE FROM: TUBE,COPPER, NSN 4710-00-203-3111	EA	1
8	29	XBFZZ		8243-2	90598	NUT, FLARED TUBE, EQUALIZER LINE	EA	1

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
8	30	XBFZZ		MS35490-6	96906	GROMMET, RUBBER	EA	2
8	31	XBFZZ		PS163	70225	SCREW,SPECIAL VALVE MTG	EA	2
8	32	XBFZZ		MS3533927	96906	WASHER, LOCK VALVE MTG	EA	2
8	33	PAFZZ	5310-00-080-6004	MS27183-14	96906	WASHER, FLAT VALVE MTG 5/8 IN. SCREW SIZE	EA	2
8	34	PAFZZ	4820-00-931-6786	DT11544	10225	VALVE, EXPANSION EVAPORATOR	EA	1
8	35	XBFZZ	5325-00-286-6047	MS35490-1	96906	GROMMET, RUBBER VALVE THERMOLINE	EA	1
8	36	XBFZZ		8245-1	90590	BRACKET SIGHT GLASS INDICATOR MTG	EA	1
8	37	XBFZZ		8242-1	90590	SPACER SIGHT GLASS	EA	1
8	38	XBFZZ		8255-1	90590	GASKET SIGHT INDICATOR	EA	1
8	39	PAFZZ	4130-00-073-8404	SAK15	78452	INDICATOR, SIGHT REFRIGERANT	EA	1
8	40	MFFZZ		8244-1	90590	TUBE, ASSEMBLY VALVE TO SIGHT INDICATOR, 3/8 IN. OD, .032 IN.W MANUFACTURE FROM: TUBE, COPPER NSN 4710-00-203-3172	EA	1
8	41	PAFZZ	4820-00-940-8105	5939X4	96906	VALVE, SERVICE	EA	2
8	42	XBFZZ	4730-00-275-6527	A7812	44947	ADAPTER, STRAIGHT	EA	1
8	43	XBFZZ		W4C15	44947	TEE 1/2 IN. X 1/2 IN. X 5/8 IN.	EA	4
8	44	XBFZZ		8247-100	90590	TUBE ASSEMBLY CROSS TO SERVICE VALVE	EA	1
8	45	MFFZZ		8232-3	90590	TUBE, COPPER CROSS TO TEE, 1/2 IN. OD, .035 IN. W MANUFACTURE FROM: TUBE,COPPER, NSN 4710-00-059-5900	EA	2
8	46	MFFZZ		8232-1	90590	TUBE, COPPER CROSS TO BY-PASS VALVE, 1/2 IN. OD, .035 IN. W MANUFACTURE FROM: TUBE, COPPER, NSN 4710-00-059-5900	EA	1
8	47	PAFZZ	4730-00-707-6950	A1452	44947	CROSS, TUBE	EA	1
8	48	MFFZZ		8233-4	90590	TUBE, COPPER TEE, 3/4 IN. OD .035 IN. W MANUFACTURE FROM: TUBE,COPPER, NSN 4710-00-059-5900	EA	1
8	49	XBFZZ		8379-2	90590	TEE, TUBE 3/4 IN. BY 1/2 IN. BY 3/4 IN.	EA	1
8	50	MFFZZ		8232-5	90590	TUBE, COPPER TEE TO TEE, 1/2 IN. OD, .035 IN. W MANUFACTURE FRO M: TUBE, COPER, NSN 4710-00-059-5900	EA	1
8	51	MFFZZ		8232-4	90590	TUBE, COPPER TEE TO PRESSURE RELIEF VALVE, 5/8 IN. OD, .035 IN W MANUFACTURE FROM: TUBE,COPPER, NSN 4710-00-277-5530	EA	1
8	52	MFFZZ		8230-3	90590	TUBE, COPPER TEE TO TEE, 1/2 IN. OD, .035 IN. W MANUFACTURE FROM: TUBE, COPPER, NSN 4710-00-059-5900	EA	1
8	53	XBFZZ		8407-1	90590	COVER, SWITCH HI-PRESSURE CUT-OUT	EA	1
8	54	PAFZZ	5305-00-984-4984	MS35206-227	96906	SCREW, MACHINE PRESSURE SWITCH MTG, NO. 6-32 X 5/16 IN.	EA	2
8	55	XBFZZ		MS35338-3	96906	WASHER, LOCK PRESSURE SWITCH MTG, NO. 6	EA	2
8	56	XBFZZ		3RCAP40-2000	92576	SWITCH, PRESSURE	EA	1
8	57	XBFZZ		8409-1CC	90590	HARNESS, ASSEMBLY WIRING, HIGH PRESSURE SWITCH	EA	1
8	58	XBFZZ		SR391	28520	BUSHING STRAIN RELIEF	EA	1
8	59	PAFZZ	5305-00-993-1648	MS35207-265	96906	SCREW, MACHINE CLAMP MTG, NO. 10-32 X 5/8 IN.	EA	3
8	60	PAFZZ	5310-00-809-8546	MS27183-8	96906	WASHER, FLAT CLAMP MTG, NO. 10	EA	3
8	61	XBFZZ		8376-1	90590	SPACER CLAMP MTG	EA	6
8	62	XBFZZ		MS21919DG8	96906	CLAMP, LOOP	EA	4
8	63	PAFZZ	5310-00-062-7326	MS21045-3	96906	NUT, SELF-LOCKING, CLAMP MTG, NO. 10-32	EA	1
8	64	XBFZZ		8376	90590	CLAMP, TUBE SOLENOID VALVE MTG	EA	1
8	65	XBFZZ	4810-00-827-5089	MAF92001-100	90590	VALVE,SOLENOID BY-PASS, HOT GAS, R3 N2O	EA	1

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
8	66	AAOZZ		757623	97796	COIL SOLENOID, VALVE 28V VOLTS	EA	1
8	67	XBFZZ		MAF92CC1-2	96996	TUBE, COPPER	EA	1
8	68	MFFZZ		4710C595GCC	96996	TUBE,COPPER VALVE TO TEE, 1/2 IN. OD, .035 IN. W MANUFACTURE FROM: TUBE,COPPER, NSN 4710-00-055-590C	EA	1
8	69	MFFZZ		6352-1	96996	TUBE, COPPER EXPANSION VALVE TO TEE, 1/4 IN. OD, .032 IN. W MANUFACTURE FROM: TUBE, COPPER, NSN 4710-00-203-3111	EA	1
8	70	XBFZZ		PS1214-8	70225	SCREW,SPECIAL EXPANSION VALVE MTG	EA	1
8	71	XBFZZ		6376-3	96996	SPACER VALVE MTG	EA	2
8	72	PAFZZ	4820-00-966-0637	TCL5CH	70225	VALVE, THERMO SINGLE OUTLET, BY-PASS	EA	1
8	73	XBFZZ		DHF9ADB9MADB96	49267	BOX CONNECTOR	EA	1
8	74	MFFZZ		MS3106K14S4P	96906	LEAD ASSEMBLY THERMO EXPANSION VALVE 10 FT. REQUIRED, NSN 6145-00-578-5717CONNECTOR,2 EA. ST RAP, 14 EA. MS17871-19 (9690614 EA. MS17821-19 (96906	EA	1
8	75	XBFZZ		MS20601DW5	96906	RIVET, BLIND BRACKET MTG, EXPANSION VALVE	EA	16
8	76	XBFZZ		6367-1	96996	BRACKET BACK STIFFENER	EA	1

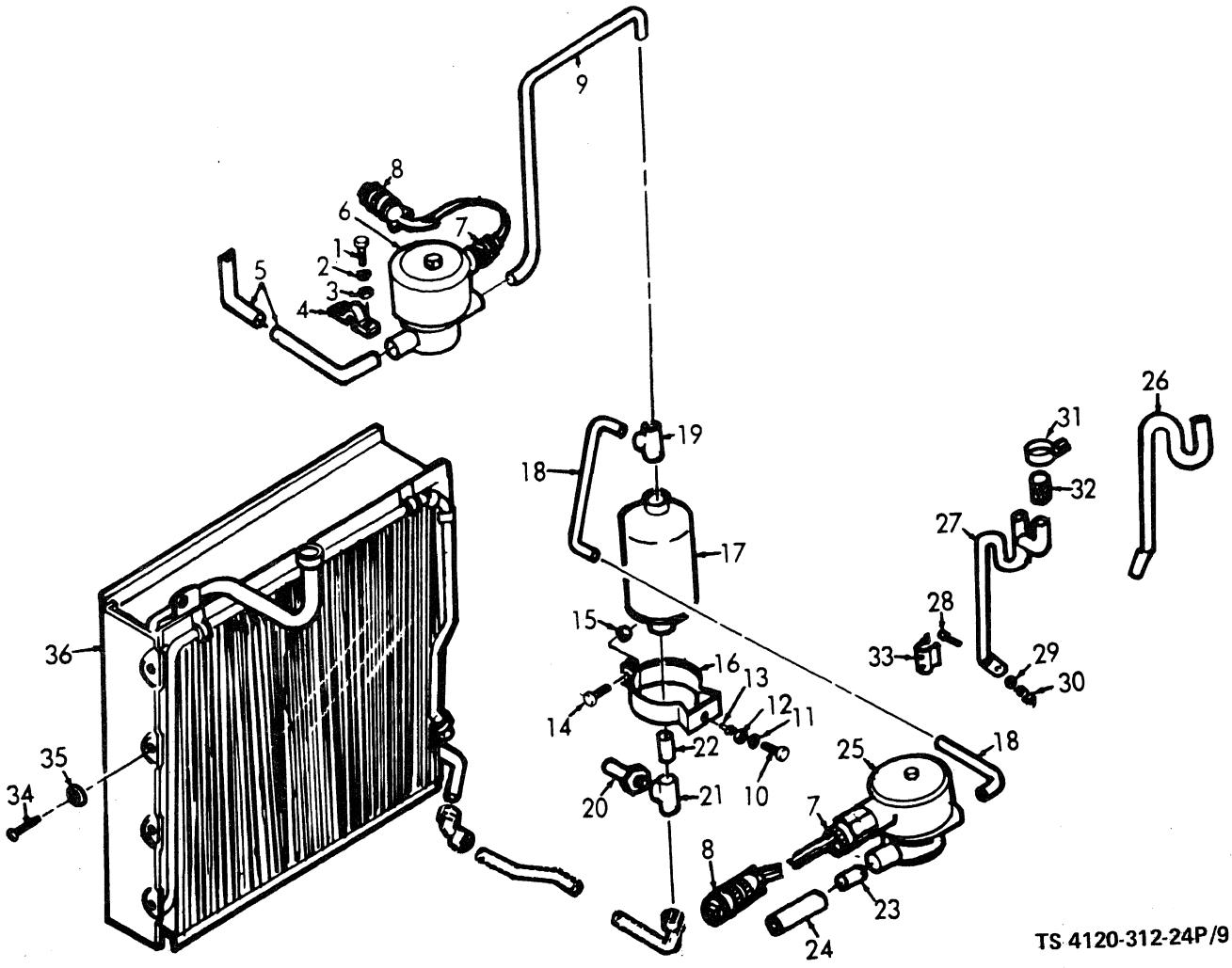


Figure 9. Condenser, Dehydrator, and Valves

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 07 CONDENSER,DEHYDRATOR AND VALVES		
9	1	XBFZZ		MS35206-246	96906	SCREW, MACHINE STRAP MTG NO. 6-32 THD. SIZE 5/8 IN. LG.	EA	8
9	2	PAFZZ	5310-00-809-8544	MS27183-7	96906	WASHER, FLAT STRAP MTG NO. 6 SCREW SIZE	EA	8
9	3	PAFZZ	5310-00-045-3295	MS35338-25	96906	WASHER, LOCK STRAP MTG NO. 6 SCREW SIZE	EA	8
9	4	XBFZZ		8255	90598	STRAP VALVE MTG	EA	1
9	5	XBFZZ		8310	90598	TUBE ASSEMBLY	EA	1
9	6	XBFZZ		MAF92002-100	98701	VALVE, SOLENOID K2	EA	1
9		XAUZZ		3MF23	98701	COIL SOLENOID	EA	1
9	7	XBFZZ		DHF6AD8M9AD696	45557	BOX CONNECTOR	EA	2
9	8	XAUZZ		MS3106R18-54P	96906	CONNECTOR, PLUG	EA	2
9	9	MFFZZ		8261	90598	TUBE, COPPER VALVE TO DEHYDRATOR, 3/8 IN. OD, .032 IN. W MANUFACTURE FROM: TUBE, COPPER, NSN 4710-00-203-3172	EA	1
9	10	XBFZZ		MS35296-5	96906	SCREW, CAP HEXAGON 1/4-20 X 5/8 IN. BRACKET MTG	EA	1
9	11	XBFZZ		MS35338-25	96906	WASHER, LOCK BRACKET MTG	EA	
9	12	PAFZZ	5310-00-809-4058	MS27183-10	96906	WASHER,FLAT BRACKET MTG	EA	
9	13	PAFZZ	5310-00-835-2135	MS27130-26K	96906	NUT, BLIND RIVET BRACKET MTG NO. 10-32 THD SIZE	EA	
9	14	XBFZZ		MS35296-10	96906	SCREW, CAP, HEXAGON 1/4-20 X 1 1/4 IN. BRACKET MTG	EA	
9	15	PAFZZ	5310-00-061-7325	MS21045-4	96906	NUT, SELF-LOCKING, BRACKET MTG 1/4-28 THD. SIZE	EA	1
9	16	XBFZZ		8406	90598	BRACKET FILTER MTG	EA	1
9	17	XBFZZ		CD653	78452	DEHYDRATOR	EA	1
9	18	MFFZZ		8262	90598	TUBE, COPPER, TEE TO VALVE 3/8 IN. OD, .032 IN. W MANUFACTURE FROM: TUBE,COPPER, NSN 4710-00-203-3172	EA	1
9	19	XBFZZ	4730-00-263-6460	MS35929-3	96906	TEE, TUBE	EA	1
9	20	XBFZZ	4820-00-073-8405	3001-540	98255	VALVE PRESSURE	EA	1
9	21	XBFZZ	4730-00-143-8533	W4229	44947	TEE	EA	1
9	22	MFFZZ		47102033172	90598	TUBE,COPPER DEHYDRATOR TO TEE, 3/8 IN. OD, .032 IN. W MANUFACTURE FROM: TUBE, COPPER, NSN 4710-00-203-3172	RL	V
9	23	XBFZZ		MS35920-1	96906	REDUCER	EA	2
9	24	MFFZZ		47102033111	90598	TUBE,COPPER SOLENOID VALVE, 1/4 IN. OD, .032 IN. W MANUFACTURE FROM: TUBE,COPPER, NSN 4710-00-203-3111	EA	1
9	25	XBFZZ	4810-00-827-5094	MAF92000-100	98701	VALVE,SOLENOID K1 NC	EA	1
9		XAUZZ		3MF23	98701	COIL SOLENOID VALVE, 28? VOLTS	EA	1
9	26	XBFZZ		8264-100	90598	TUBE, DRAIN LH	EA	1
9	27	XBFZZ		8266-100	90598	TUBE, DRAIN RH, EVAPORATOR	EA	1
9	28	PAFZZ	5315-00-234-1856	MS24665-155	96906	PIN, COTTER 1/16 X 1 IN. EVAPORATOR DRAIN CONNECTION	EA	1
9	29	XBFZZ		8411	90598	BALL EVAPORATOR	EA	1
9	30	XBFZZ		8412	90598	SPRING, HELICAL, TENSION	EA	1
9	31	PAFZZ	4730-00-908-3194	MS35842-1	96906	CLAMP, HOSE DRAIN	EA	1
9	32	XBFZZ		8323-1	90598	HOSE DRAIN	EA	2
9	33	XBFZZ	5340-00-702-1424	53407021424	90598	CLIP,SPRING TENSION	EA	4
9	34	PAHZZ	5305-00-989-7434	MS35207-263	96906	SCREW, MACHINE CONDENSER MTG NO. 10-32 THD. SIZE 1/2 IN. LG.	EA	8
9	35	PAHZZ	5310-00-809-8546	MS27183-8	96906	WASHER, FLAT CONDENSER MTG	EA	8
9	36	XBHZZ		MAF92004-100	90598	CONDENSER, ASSEMBLY	EA	1

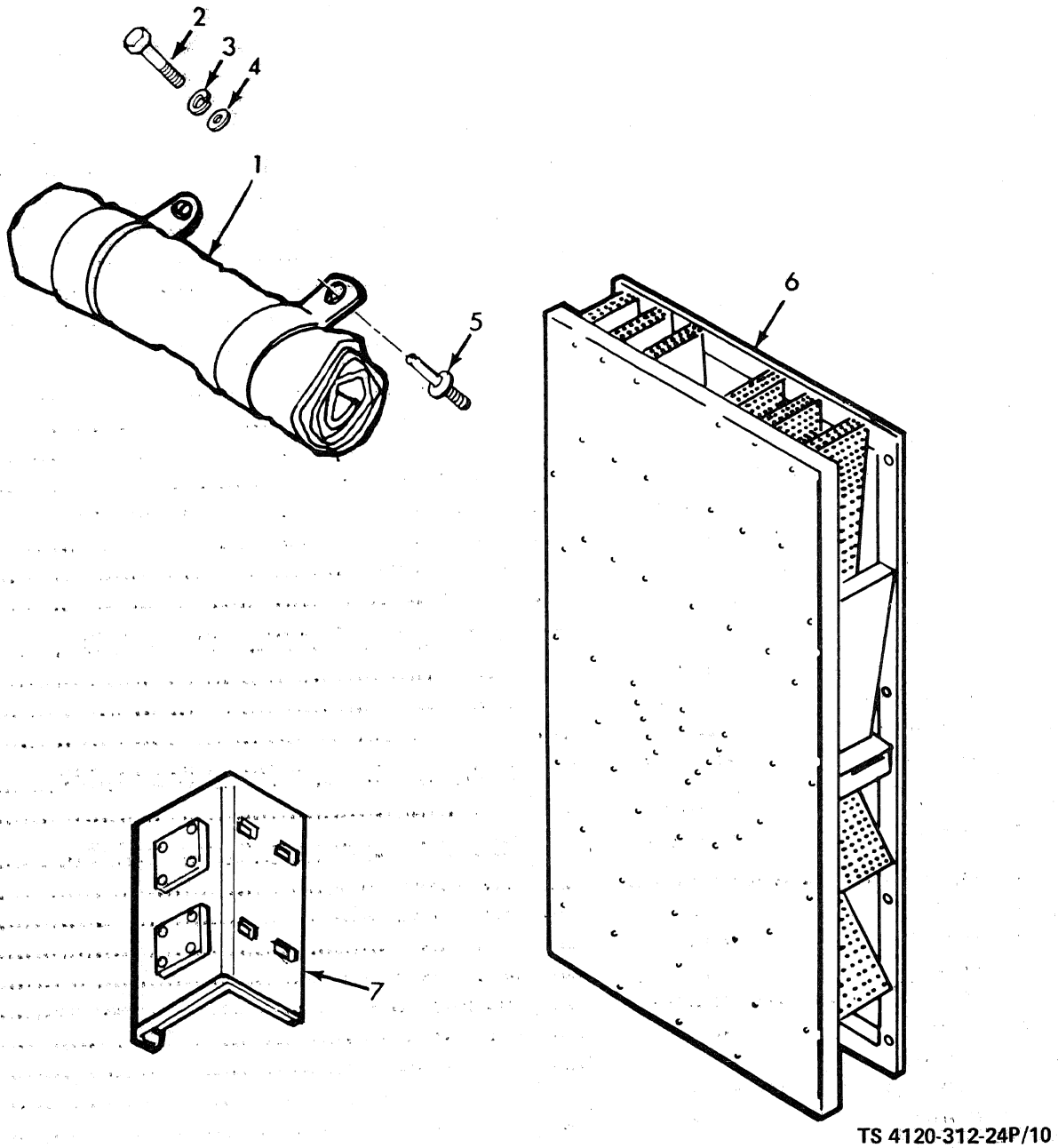


Figure 10. Accessory Item

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION / USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 08 ACCESSORY ITEM		
10	1	XBOZZ		CCV312	96996	COVER, TARPAULIN	EA	1
10	2	XBOZZ		53051511564	96906	SCREW,MACHINE TARPAULIN ATTACHING	EA	14
10	3	XBOZZ	5310-00-045-3299	53100453299	96906	WASHER,LOCK TARPAULIN MOUNTING	EA	14
10	4	XBOZZ	5310-00-011-4986	53100114986	96906	WASHER,FLAT TARPAULIN MOUNTING	EA	14
10	5	XBOZZ	5325-00-619-7049	408	81004	STUD,FASTENER,TURN TARPAULIN MTG	EA	2
10	6	XBOZZ		3798-1CC	96906	ATTENUATOR, SOUND	EA	1
10	7	XBOZZ		8392	96906	BLOCKOFF ASSEMBLY JUNCTION BOX, 1/4 IN. CAGE NUT	EA	1

STOCK NUMBER	FIGURE NO.	ITEM NO.
5310-00-011-4986	10	4
5330-00-018-7483	8	44
5310-00-032-1814	5	20
5310-00-045-3296	3	21
5310-00-045-3296	4	23
5310-00-045-3296	5	23
5310-00-045-3296	7	7
5310-00-045-3299	1	2
5310-00-045-3299	2	47
5310-00-045-3299	6	2
5310-00-045-3299	9	3
5310-00-045-3299	10	3
5310-00-045-3299	1	22
5305-00-053-1114	6	12
5305-00-053-1114	7	20
5305-00-056-9545	9	23
5310-00-061-7325	4	9
5310-00-061-7326	5	24
5310-00-061-7326	8	33
5310-00-061-7326	4	4
5305-00-066-0502	8	22
5305-00-066-0513	8	39
4130-00-073-8404	9	20
4820-00-073-8405	2	3
5310-00-080-6004	6	33
5310-00-080-6004	7	33
5320-00-127-6016	7	7
4130-00-139-3372	7	1
4130-00-139-3378	5	27
5920-00-142-7448	7	24
4730-00-148-8933	1	23
5310-00-188-7972	4	20
5310-00-208-5135	6	20
5315-00-234-1856	7	1
5306-00-235-4727	7	2
5310-00-242-7711	4	3
4730-00-265-6460	8	42
4730-00-275-3527	8	33
5325-00-286-3047	8	4
5305-00-302-4811	5	33
4820-00-327-5089	5	3
4820-00-327-5094	7	3
5320-00-402-3865	8	33
4730-00-408-4566	7	44
3120-00-410-3718	1	44
5310-00-530-9963	4	44
5340-00-543-4394	4	27
5935-00-577-8589	4	4
6145-00-578-7517	2	4
5305-00-579-4152	4	42
5310-00-584-7800	4	42
5340-00-586-7652	10	2
5325-00-619-7049	9	3
5340-00-702-1424	8	47
4730-00-707-3980	8	26
5325-00-724-7655	8	41
5340-00-720-9321	2	23
5315-00-730-4564	4	23
5315-00-730-4577	5	23
5935-00-802-0616	5	22
5310-00-802-3544	12	26
5310-00-809-4058	2	3
5340-00-809-4058	4	3
5310-00-809-4058	9	22
5310-00-809-4058	2	20
5310-00-809-8544	8	3
5310-00-809-8544	9	3
5310-00-809-8544	7	3
5310-00-809-8544	7	32
5310-00-167-0767		
5310-00-167-0768		

STOCK NUMBER	FIGURE NO.	ITEM NO.
5310-00-809-8544	9	2
5310-00-809-8546	1	40
5310-00-809-8546	8	14
5310-00-809-8546	8	15
5310-00-809-8546	8	26
5310-00-809-8546	8	60
5310-00-809-8546	9	35
5935-00-819-2887	6	8
4730-00-822-4477	8	19
5310-00-823-8804	4	23
5310-00-823-8804	5	11
5310-00-835-4355	9	13
5975-00-838-0150	1	44
5310-00-846-4074	2	2
4130-00-878-0405	8	6
5310-00-880-7744	7	6
5310-00-880-9344	8	2
5310-00-889-4544	5	40
5310-00-889-4544	5	28
5310-00-889-4545	4	10
5310-00-889-4545	9	9
5305-00-889-4557	5	39
5305-00-889-4559	7	15
5305-00-889-5440	5	4
5945-00-905-7444	5	30
5930-00-907-8940	4	16
4730-00-908-5594	9	31
5961-00-913-4745	5	25
5305-00-926-5440	5	22
5355-00-926-5689	4	18
5310-00-929-4440	1	11
4730-00-931-0780	8	27
4420-00-931-0790	8	34
5305-00-932-0790	3	1
5310-00-934-9769	7	16
5310-00-934-9784	4	22
5320-00-939-5944	5	26
5325-00-940-7900	7	23
4820-00-940-8200	8	41
5940-00-958-5000	5	30
5305-00-959-5007	5	1
5305-00-964-7844	4	12
5305-00-975-4770	2	13
4730-00-983-0042	1	35
4930-00-983-5000	5	7
4730-00-983-4000	1	24
4730-00-983-4000	6	17
5305-00-984-4984	8	64
5305-00-984-0434	6	5
5305-00-984-0434	6	8
5305-00-984-0434	1	8
5305-00-984-0434	2	16
5305-00-984-0434	4	1
5305-00-984-0434	8	7
5305-00-984-7442	8	5
4820-00-988-0007	4	72
5305-00-989-7434	5	23
5305-00-989-7434	6	25
5305-00-989-7434	9	34
5305-00-989-7435	4	4
5945-00-991-0250	5	24
5305-00-993-4040	1	39
5305-00-993-4040	8	59
5305-00-993-4041	4	20
5310-00-994-5044	4	11
5305-00-995-0424	8	13
5310-01-012-4040	1	17
5305-00-984-6195	1	1

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
AN970-5	81205	1	5
AU02AA131	10000	1	21
A4454	41947	3	47
A7812	41947	3	42
BR650078	10000	1	13
BUV314	80205	10	
BU835	78402	9	17

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
C6974-22-41	78557	1	24
C6974-22-41	78557	6	17
C7688-1420	78557	4	19
DMF9AL8M9ACB98	49367	6	7
DMF9AC89MACB98	49367	8	72
DT21544	70255	8	34
ERF21581	58849	5	25
FLR70	60537	1	35

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
FT32AZ432	1Cooo	7	9
F24-36	46a7o	3	7
F4-A18	46a7o	3	4
F4-A36	46a7o	3	12
H4-130	46a7o	3	9
H434-125-20	46a7o	3	8
KAW5	71400	3	26
KA96E0080	1Cooo	1	8
K30e2K2	96396	3	6
MAF92300-200	96396	7	25
MAF92001-100	96396	8	65
MAF92002-2	96396	6	57
MAF92002-200	96706	7	6
MAF92004-200	96396	7	16
MAF92005-100	96396	6	27
MAF92027-100	96396	-	24
MILI2E5E2	81349	4	12
MSA5795-706	96906	7	21
MSA5795-709	96906	3	12
MS20060084L4W2	96906	6	10
MS20066-140	96906	2	20
MS20066-147	96906	-	24
MS20426AD2-3	96906	4	36
MS20601BW5	96906	6	75
MS21043-4	96906	2	2
MS21045-04	96906	3	40
MS21045-06	96906	3	38
MS21045-08	96906	4	30
MS21045-08	96906	8	6
MS21045-3	96906	4	9
MS21045-4	96906	3	24
MS21045-5	96906	8	50
MS21045-6	96906	7	15
MS21045-4	96906	3	4
MS21929-15	96906	3	17
MS21919D062	96906	8	17
MS21919D06	96906	4	42
MS21919D08	96906	6	62
MS24586C1	96906	-	47
MS24624-21	96906	4	22
MS24624-21	96906	3	12
MS24624-28	96906	7	10
MS24665-153	96906	7	28
MS24693-27	96906	3	27
MS25043-226	96906	4	19
MS27130-16K	96906	4	17
MS27130-20K	96906	-	23
MS27130-22K	96906	7	13
MS27131-14K	96906	-	10
MS27131-8K	96906	4	11
MS27183-10	96906	-	52
MS27183-10	96906	6	3
MS27183-10	96906	4	3
MS27183-10	96906	7	12
MS27183-14	96906	6	6
MS27183-14	96906	8	33
MS27183-7	96906	-	3
MS27183-7	96906	6	18
MS27183-7	96906	8	3
MS27183-7	96906	8	8
MS27183-7	96906	7	2
MS27183-8	96906	4	40
MS27183-8	96906	8	14
MS27183-8	96906	8	15
MS27183-8	96906	8	26
MS27183-8	96906	8	60
MS27183-8	96906	7	35
MS27183-9	96906	4	23
MS27183-9	96906	3	11
MS3102R14S7P	96906	3	18
MS3102R20-15P	96906	7	19
MS3106R16-54P	96906	7	8
MS3106R16S4P	96906	8	8
MS3106R16S4P	96906	8	74
MS35191294	96906	6	1
MS35204-53	96906	3	10
MS35206-215	96906	3	39
MS35206-217	96906	7	15
MS35206-227	96906	8	54
MS35206-243	96906	8	5
MS35206-245	96906	4	8
MS35206-247	96906	1	1
MS63040-6	96906	7	2

PART NUMBER	FSCM	FIG. NO.	ITEM NO.
MS35206-245	96906	9	1
MS35206-246	96906	1	8
MS35206-249	96906	2	16
MS35206-246	96906	6	1
MS35206-246	96906	8	7
MS35207-210	96906	5	10
MS35207-263	96906	5	23
MS35207-263	96906	8	25
MS35207-263	96906	9	34
MS35207-264	96906	4	4
MS35207-265	96906	1	39
MS35207-265	96906	8	59
MS35207-267	96906	4	20
MS35207-271	96906	8	13
MS35207-291	96906	4	12
MS35225-13	96906	5	4
MS35291-6	96906	4	1
MS35298-20	96906	9	14
MS35298-6	96906	1	50
MS35298-6	96906	9	10
MS35337-2	96906	3	17
MS35337-4	96906	3	14
MS35338-21	96906	7	17
MS35338-22	96906	7	11
MS35338-23	96906	7	2
MS35338-23	96906	2	17
MS35338-23	96906	6	2
MS35338-23	96906	9	3
MS35338-3	96906	8	55
MS35338-43	96906	4	13
MS35338-43	96906	5	13
MS35339-5	90598	7	3
MS35339-5	96906	3	11
MS35339-25	96906	4	2
MS35339-25	96906	9	11
MS35339-27	96906	2	7
MS35339-8	96906	1	41
MS3533925	96906	1	51
MS3533927	96906	8	32
MS35457-23	96906	3	2
MS35489-37	96906	7	23
MS35490-1	96906	8	35
MS35490-6	96906	8	30
MS35649-242	96906	7	16
MS35650-102	96906	4	22
MS35842-1	96906	9	31
MS35920-1	96906	9	23
MS35929-3	96906	9	19
MS51007-1	96906	7	18
MS51967-5	96906	7	6
MS90723-29	96906	5	9
MWHOOJX	46175	3	15
M8LT55154BCLASS3+T00	81349	5	37
NTP-25	93470	6	7
PS1211-8	70255	8	70
PS163	70225	8	31
P11674	46175	3	1
P11675	46175	3	1
PJ12	28520	1	43
RB8175	66797	4	18
RG5004B	10855	7	20
RG5163B	10855	7	24
RG5222C	10855	7	22
RNG146	60532	8	24
SAK13	78462	8	39
SB312-3	28520	1	44
SR3P1	28520	8	58
ST5-250	46175	3	5
TCL50H	70255	8	72
W1715	41947	8	19
W4015	41947	8	43
W4229	41947	9	21
1RG4076C	10855	7	12
1RG5212C	10855	7	14
1185-5CN0625	46175	3	19
12-11-203-12	94222	5	1
12-11-613-12	94222	8	1
12-110-14-12	94222	5	2
12-110-14-12	94222	8	2
12R1AA	71286	1	38

The Metric System and Equivalents

Linear Measure

1 centimeter = 10 millimeters = . 39 inch
1 decimenter = 10 centimeters = 3.94 inches
1 meter = 10 decimeters = 39.37 inches
1 dekameter = 10 meters = 32.8 feet
1 hectometer = 10 dekameters = 328.08 feet
1 kilometer = 10 hectometers = 3,280.8 feet

Weights

1 centigram = 10 milligrams = . 15 grain
1 decigram = 10 centigrams = 1.54 grains
1 gram = 10 decigrams = . 035 ounce
1 dekagram = 10 grams = . 35 ounce
1 hectogram = 10 dekagrams = 3.52 ounces
1 kilogram = 10 hectograms = 2.2 pounds
1 quintal = 100 kilograms = 220.46 pounds
1 metric ton = 10 quintals = 1.1 short tons

Liquid Measure

1 centiliter = 10 milliliters = . 34 fl. ounce
1 deciliter = 10 centiliters = 3.38 fl. ounces
1 liter = 10 deciliters = 38.82 fl. ounces
1 dekaliter = 10 liters = 2.64 gallons
1 hectoliter = 10 dekaliters = 26.42 gallons
1 kiloliter = 10 hectoliters = 264.18 gallons

Square Measure

1 sq. centimeter = 100 sq. millimeters = . 155 sq. inch
1 sq. decimenter = 100 sq. centimeters = 15.5 sq. inches
1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet
1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet
1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres
1 sq. kilometer = 100 sq. hectometers = . 386 sq. mile

Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = . 06 cu. inch
1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches
1 cu meter = 1000 cu. decimeters = 35.31 cu. feet

Approximate Conversion Factors

To change	*To*	*Multiply by*	*To change*	*To*	*Multiply by*
inches	centimeters	2.540	ounce-inches	newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29,573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	newton-meters	1.365	metric tons	short tons	1.102
pound-inches	newton-meters	.11375			

Temperature (Exact)

°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL MANUALS



SOMETHING WRONG WITH THIS MANUAL?

THEN. . .JOT DOWN THE DOPE ABOUT IT ON THIS FORM, TEAR IT OUT, FOLD IT AND DROP IT IN THE MAIL!

FROM: (YOUR UNIT'S COMPLETE ADDRESS)
PFC JOHN DOE
COA, 3d ENGINEER BN
FT. LEONARD WOOD MO 63108

DATE

PUBLICATION NUMBER	DATE	TITLE
TM 5-4120-312-24P	21 Jan 80	Air Conditioner; Compact Vertical 208V, 3 Phase, 18,000 BTUH Cooling

BE EXACT. . .PIN-POINT WHERE IT IS

PAGE NO.	PARAGRAPH	FIGURE NO.	TABLE NO.
6	2-1 a		
81		4-3	
125	line 20		

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

In line 6 of paragraph 2-1a the manual states the engine has 6 cylinders. The engine on my set only has 4 cylinders. Change the manual to show 4 cylinders.

Callout 16 on figure 4-3 is pointing at a bolt. In the key to fig. 4-3, item 16 is called a shim. Please correct one or the other.

I ordered a gasket, item 19 on figure B-16 by NSN 2910-00-762-3001. I got a gasket but it doesn't fit. Supply says I got what I ordered so the NSN is wrong. Please give me a good NSN.

SAMPLE

TYPED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER
JOHN DOE, PFC (268) 317-7111

SIGN HERE:
John Doe

DA FORM 1 AUG 74 2028-2

P.S.--IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR MANUAL "FIND," MAKE A CARBON COPY OF THIS AND GIVE IT TO YOUR HEADQUARTERS.
DRSTS-M Overprint 1, 1 Nov 78

TEAR ALONG DOTTED LINE

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL MANUALS



SOMETHING WRONG WITH THIS MANUAL?

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DATE

PUBLICATION NUMBER	DATE	TITLE
TM 5-4120-312-24P	21 Jan 80	Air Conditioner; Compact Vertical 208V, 3 Phase, 18,000 BTUH Cooling

BE EXACT. . .PIN-POINT WHERE IT IS

PAGE NO.	PARAGRAPH	FIGURE NO.	TABLE NO.

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

TYPED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

SIGN HERE:

DA FORM 1 AUG 74 2028-2

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